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Manns' Seed Annual

1914

COPENHAGEN MARKET,
THE EARLIEST ROUND
HEAD CABBAGE.
SEE PAGE 8

FRENCH SELF-BLANCHING CELERY
ORIGINATOR STOCK

S 7/16 S 7/18

RUBY-PEARL
RADISH,
EXTRA EARLY
BRIGHT RED,
TIPPED PURE WHITE.

EUREKA DARK RED, BEET

J. Manns & Co., TRUCKER'S FAVORITE SEED HOUSE
FORREST AND HILLEN STS., BALTIMORE, MD.
ANNEX 608 ENSOR ST.

To Our Friends and Customers

THE BEST SEEDS
OBTAINABLE AT
REASONABLE PRICES

THE BEST SEEDS
OBTAINABLE AT
REASONABLE PRICES

WE OFFER ONLY THE BEST GRADES

AGAIN we have the pleasure of greeting our many customers through the medium of our catalogue, which we have endeavored to improve each succeeding year. It truthfully illustrates and describes all the standard varieties and many novelties or new varieties of real merit, all of which are alphabetically arranged and are of easy access to the reader. We offer absolutely nothing that we do not believe to be the best obtainable. Knowing that the sower of seeds usually has but a single chance of success in a season, and his profits or loss are determined chiefly by the seeds he sows, we will state that all vegetable seeds offered in this catalogue are grown from pedigree and private stock seeds by experts and experienced growers in this country and Europe where nature provides for their best development. Our business has our personal and undivided attention. While every variety of seeds is carefully tested as to vitality, we have for further safeguard acquired a very fine tract of land easily accessible from our store, located at Parkville, on the Harford Turnpike, where we will make hundreds of field trials, which will better enable us to stay abreast with progress, and our customers will share in many ways the advantages derived by it.

We strive always to make our prices as low as possible, give full value for every dollar received, and would not solicit your trade did we not believe it would be to your advantage to plant our seeds.

We remain sincerely yours,

J. MANNS & CO.

THE BEST SEEDS
OBTAINABLE AT
REASONABLE PRICES

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J. MANNS & COMPANY

Forrest and Hillen Streets
BALTIMORE MARYLAND

TRUCKERS' FAVORITE SEED HOUSE

GENERAL LIST OF

MANNS' SUPERIOR VEGETABLE SEEDS

IN BULK AND PACKETS

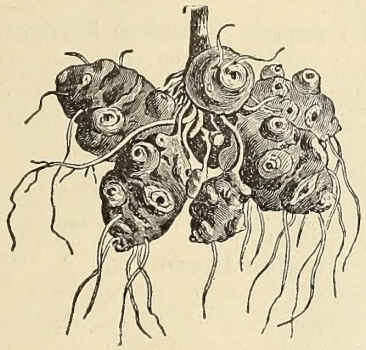
WE supply ½ bu. at bushel rate; ½ pk. at peck rate; ½ lb. at pound rate. Seeds by packet, oz. and ¼ lb. will be mailed free. In quantities of ½ lb. and upwards, postage must be added to Catalogue prices at the rate of 8c per lb. For Peas and Beans add 15c per qt., and Corn 10c per qt.

ARTICHOKE

1 qt. plants 60-70 feet; 3 bushels to the acre, cut to one eye.

Plant similar to potatoes, in rows 3 feet apart and two feet in the row, cover two inches deep, plant from March to April. They should not be dug in the fall, but remain in the ground and be gathered as may be desired.

Jerusalem (Tubers). Besides table purposes, the principal use is for stock feeding, being especially valuable for hogs, preventing cholera, and are exceedingly nutritious. They produce an enormous crop, and when once planted, come up for years afterwards; hence for a field crop, select some land to be devoted to Artichokes exclusively, and they will continue to produce for years. A good yield is 200 to 300 bushels per acre. Six bushels per acre. Plant and cultivate like potatoes. Per qt., 20c., by mail, 35c.; pk. 65c.; bush. $2.00. Special price in large quantities.



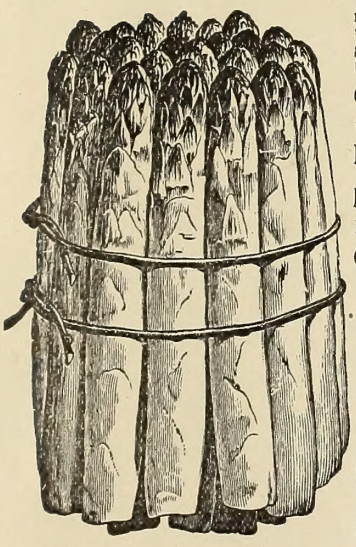
Large Green Globe. This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy and easily cultivated. The seed can be sown early in April in a rich seed bed in drills one inch deep and 12 inches apart, thinning, when up, to 4 inches apart. Protect in winter with a slight covering. The second season they form heads. Once established, they will continue bearing for years. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., $3.00.

Asparagus Bunchers Can be regulated for stalks of any length and bunches of different sizes. Strong and well made. $1.75.

Asparagus Knives 30 cents each; by mail, 35 cts. each postpaid; dozen, $3.00.

ASPARAGUS—Spargel

1 oz. for 50 feet drill; 500 plants. 1 lb. produces plants to set one acre.



To grow plants from seed, sow in April or May, mix the seed with sand, pour warm water on it, and place in a box, keeping up the moisture until the seed commences to sprout. Sow the seed and sand in drills about eighteen inches apart and two inches deep. When the plants are well up, thin to about one inch apart and give frequent cultivation. Under fair conditions the plants will be fit to set in beds the following spring.

Giant Argenteuil. Of French origin. Earlier and larger than the old standard varieties, yet retaining that delicate, light green color and tender quality desired. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Barr's Mammoth. A fine, large-stemmed, green variety, free from fiber. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

Palmetto. It is of a large size, even and regular growth, and of a dark green color. It does well both North and South. The quality is excellent. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

Conover's Colossal. A large and rapid grower of light green color and good quality. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

Asparagus Roots

100 roots plants a bed 15x50 feet. An acre, 4,000 to 6,000.

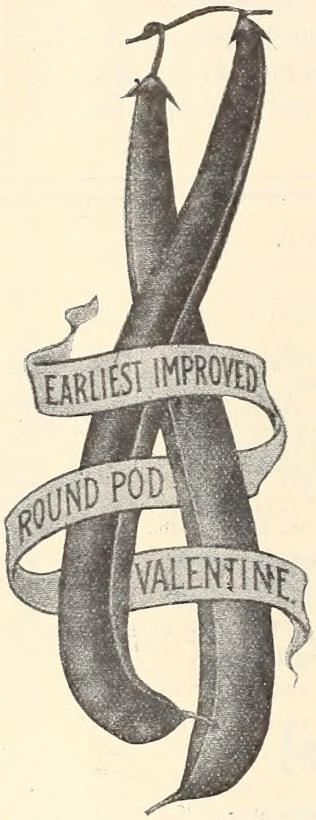
A saving of one to two years is effected by planting roots which we can supply at very reasonable prices, especially in large quantities.

Culture.—Plow trenches 18 inches wide and 8 to 12 inches deep, 5 feet apart. If the subsoil is not naturally loose and friable, it should be made so by thoroughly stirring with a harrow-tooth cultivator or spade. Scatter well-rotted manure in the furrow and mix with the soil, and then set the plants 15 to 20 inches apart in the row. Care should be taken in setting all the crowns to point in one direction, thus preventing the roots of one plant taking nourishment from another. Cover the roots 3 to 4 inches deep, and on the approach of winter cover with manure, which work in early in the spring and apply pure animal bone or kainit. If white asparagus is desired, the second spring after planting, earth up 18 inches above the roots, to blanch the asparagus as it grows. If green asparagus is desired, it is not necessary to earth up so deeply, or to make the rows more than 4 feet apart. Do not cut too late in the spring, as it is liable to exhaust the plants. After you stop cutting, leave the plants to grow, and during the winter or early spring cut off the growth and burn or destroy it, run the plow over the bed to throw the earth down, and apply manure or Pure Animal Bone, or both, mixing with the soil. To make white asparagus, the beds must be freshly and lightly earthed up each spring just before the growing season commences.

Strong 2-year-old roots of the above named varieties (per doz. 30c., postpaid), by express or freight, not prepaid per 100, 45c.; per 1000, $4.00.

BEANS

GREEN PODDED DWARF BUSH BEANS



One quart will plant 100 feet of drill; 1 to 1½ bushels to the acre.

Plant as soon as the ground is warm and dry in drills two and one-half feet apart, and drop the beans three inches apart. For a succession sow every three weeks until the 15th of August. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop.

Burpee's Stringless Green-Pod. A very early variety, having long, straight, round and fleshy pods, free from strings. The dry beans are oval, of a chocolate brown color. Qt., 25c.; pk., $1.60; bush., $6.00.

Hopkins Improved Extra Early Red Valentine.

Extra early round pod. Our strain of this popular variety is very fine, and has been selected especially for earliness and good quality. It is one of the most profitable sorts for private use or market. Qt. 20c.; pck. $1.25; bush. $4.50.

(New) Keeney's Stringless Refugee. Planters everywhere will at once recognize the wonderful merit of this new Bean when it is stated that, in addition to the superior qualities of the old Refugee or 1000 to 1, this new sort is absolutely stringless. It has every quality desirable in a bush bean—true bush habit, 18 inches high, unusually productive. The pods are round, very handsome, and average over 5 inches in length. They are fleshy, tender, brittle and entirely free from strings at all stages of growth. This splendid bean is sure to become very popular with gardeners and canners, and will, we believe, completely displace the old Refugee as soon as enough seed stock can be produced. Qt. 30c.; pk. $2.00.

Giant Stringless Green Pod. A very hardy, stocky vine, pods long, round and green in color, of exceptionally fine quality and stringless throughout its entire growth. It makes an excellent succession to Burpee's Stringless green pod when planted at the same time. Qt. 25c; pck. $1.40; bush. $5.25.

(New) Full Measure. A most valuable and promising new variety. The handsome green pods, six to seven inches in length, are round, solidly meaty, brittle and stringless. They mature a week to 10 days later than E. Early Red Valentine. Qt. 25c.; peck $1.40; bush. $5.25.

Black Valentine, or May Queen. Comparatively new, it has become a favorite with truckers and growers for the earliest market. It is fully a week earlier than the earliest Red Valentine, very frost resisting, and can be planted very early in the spring or late in the fall. The pods are straight and round, of a beautiful green color, which are borne in great quantities. The quality is fair, and should be picked when young. Qt., 25c.; pck., $1.60; bush., $6.00.

Hodson Green Pod. Entirely unaffected by rust or blight; an exceptionally strong and robust grower, enormous yielder, often producing 50 to 60 somewhat flat pods to the plant, and withstanding adverse weather conditions to a remarkable degree. A little later than Refugee or Thousand to One. Excellent shipping sort. Qt., 25c.; pck., $1.25.

Early Bountiful. Of thrifty growth and very hardy. The stringless and tender flat green pods are produced very early in the season, and the bush continues in bearing for a long time. It is practically a **stringless Early Six Weeks.** Qt., 25c.; pck., $1.25; bush., $4.50.

Extra Early Refugee. The pods are fleshy and of fine quality; very hardy. Qt., 25c.; pk., $1.50; bush., $5.00.

Refugee, or Thousand to One. Maturing later than Extra Early Refugee, with larger foliage; very prolific. Qt., 20c.; pk., $1.25; bush., $4.50.

Extra Early Red Valentine. In this improved strain the pods are very fleshy, round and saddle-backed, with only slight strings. Bushes grow uniformly about fifteen inches in height and produce a large crop. This strain has been carefully selected, and has proved to be fully 4 to 6 days earlier than Hopkins Red Valentine. Qt., 20c.; pk., $1.25; bush., $4.50.

No discounts, but the best values in dependable seeds

BEANS—Green Pod Snap Varieties Continued

Dwarf Cherry, or Dwarf Horticulture. Our stock is much superior to the old style Dwarf Cherry, being stringless and entirely free from runners. Wherever grown is spoken of in terms of highest praise. Vines very productive, compact, upright, with large leaves. Pods medium in length, broad and thick, curved, with splashes of bright red on a yellowish ground. One of the best sorts for green shell beans for home and market. Seed large, oval, plump, flesh colored and nearly covered with splashes of bright red. Qt. 25c.; pck. $1.75; bush. $6.00.

VARIETIES FOR USE AS SHELL BEANS

These are grown in large quantities for the winter market. They should be planted in rows 3½ to 4 feet apart for horse cultivation, dropping 3 or 4 seeds in hills one foot apart in the row. When pods ripen the plants may be pulled up on a clear day, well dried and stored in a barn for threshing when convenient.

White Marrowfat. This is the standard variety grown for white soup beans. The plants are semi-running in habit, two feet in height and very productive. Beans of good size, slightly oval, and quite thick through. Qt. 20c.; peck $1.00; bush. $3.50.

White Kidney, or Royal Dwarf. An excellent shelled bean, green or ripe. One of the best for winter use. Seeds large, white, kidney-shaped. Qt. 20c.; peck, $1.10; bush. $4.00.

WAX—POD VARIETIES.

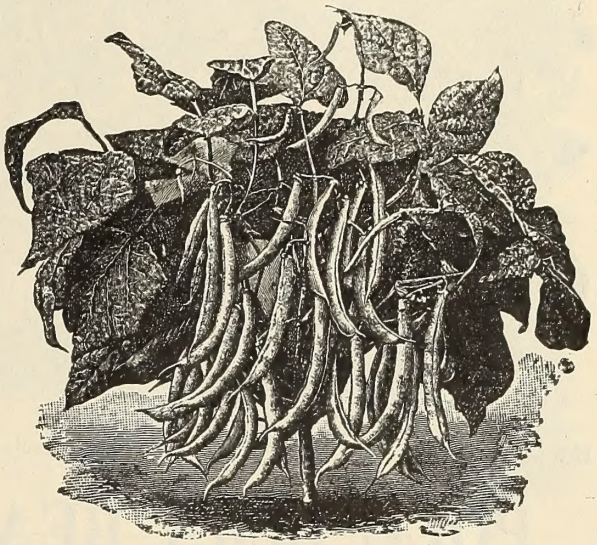
Currie's Rust-Proof Wax. A favorite market and shipping sort. One of the earliest of the wax sorts, maturing in 45 days. Vines strong, robust and upright, holding the pods well off the ground. The pods are of a beautiful golden color, and of excellent shipping and market qualities. Qt. 25c.; peck $1.50; bush. $6.00.

Burp. New Kidney Wax.

Burpee's New Kidney Wax. Is an improved strain of Wardwell's Kidney Wax, maturing at the same time, but being so much more productive and the pods of larger size, they will yield more baskets to a given length of row. Qt. 25c.; pk. $1.75; bus. $6.50.

Wardwell's Kidney Wax. Strong, upright bush growth, 15 inches in height, very productive. Pods straight, fleshy, 5 inches in length, one-half inch broad. A rich golden yellow, brittle and entirely stringless, even when fully developed, of mild flavor. Qt. 25c.; peck $1.75; bush. $6.00.

Hodson Wax. Vine exceedingly vigorous, hardy and productive. Pods clear, creamy white, very long, straight or slightly curved, flat but fleshy and of good quality, matures its crop late. Seed long, cylindrical, uniform in shape; color dull purplish red splashed with pale buff. Qt. 25c.; pk. $1.50.


Round Pod Kidney Wax.

Round Pod Kidney Wax. This midseason variety is exceedingly handsome and very desirable, especially for snaps for the home garden. Vines dwarf, spreading and very productive. Leaves roughened. Pods long, slightly curved, light yellow, wax like, stringless and of the best quality. They are uniformly perfect, an ill-shaped one being rarely seen. Seed long, cylindrical, medium sized, nearly white with a little dark marking about the eye. Qt. 25c.; pck. $1.75; bus. $6.50.

Hardy Round Pod Rustless Wax. This new bean will become a money-maker for the trucker and a favorite wherever used. The plants are of vigorous growth, about eighteen inches high. The pods are round and usually curved, of a rich golden yellow color, which measure from six to eight inches long, very brittle and entirely stringless at all stages of growth. They are very hardy, being of Refugee parentage, are not subject to disease and rust. Whether sown in spring, summer or fall, invariably produce the greatest variety of handsome waxy pods. Pkt. 10c.; pt. 15c.; qt. 25c.; peck $1.75; bushel $6.50.

Pencil Pod Black Wax. Plants of true bush growth, fifteen inches high, extremely productive; magnificent straight pods six to seven inches long, light golden yellow in color, beautifully rounded, meaty and deeply **saddle-backed:** flesh brittle, solid and entirely stringless; fine and mild flavor. Qt. 25c.; pk. $1.50; bush. $6.00.

Brittle Wax. An extra early hardy variety; fine quality; always stringless; long, round, meaty pods of rich golden yellow; pods unusually productive. Qt. 25c.; peck $1.75; bus. $6.50.

(New) Sure Crop. This is the most valuable sort introduced in recent years. The plants are very robust and blight-resisting, and will stand a remarkable amount of dry weather. Pods average 6 inches long; are flat but thick and fleshy and entirely stringless; of a beautiful yellow color. Maturing a week later than Currie's Rustproof, and we predict that this new strain will prove a money-maker for the Trucker. Stock limited. Pt. 20c.; qt. 35c.

DWARF LIMA BEANS

1 quart to 150 hills; 8 to 10 quarts to the acre.

These varieties are of true bush or dwarf form, growing but eighteen to twenty inches high without supports. About two weeks earlier than the Climbing Lima, abundant bearers until frost. Plant in rows two feet apart, plant one foot apart in the row.

Burpee's Bush Lima.

Burpee's Bush Lima. Well known variety, producing large pods and beans. Qt. 30c.; pk. $2.00; bush. $8.00.

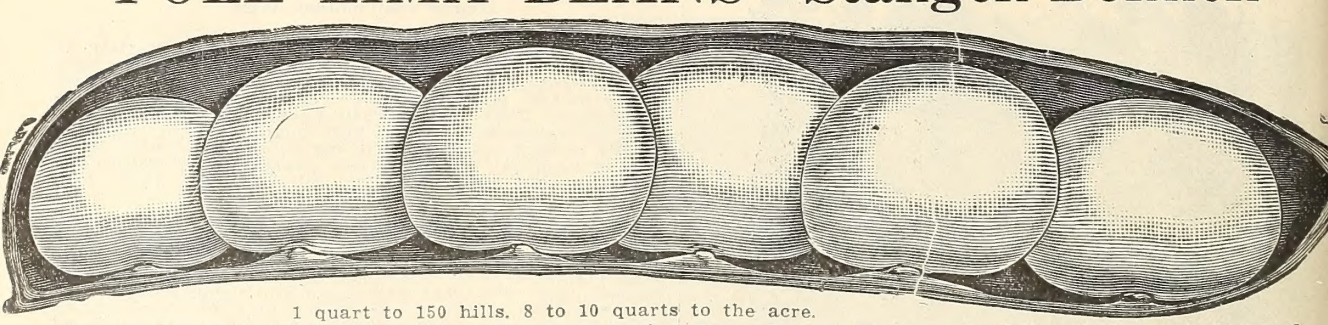
Ford Hook New Early Giant Bush Lima Bean. This new Bean represents the highest achievement in bean breeding. The plants are of stiffly erect habit, twenty inches in height, branching freely, but with all the branches held upright. This perfect bush growth is strikingly in contrast to the low spreading growth of some other varieties of bush limas. The leaves are identical with that of the Burpee's bush lima, while the pods and beans are of the Kummerle or Dreers bush lima type, but twice in size. They bear from July until frost almost unbelievable quantities of five to six inch pods, each containing usually four large, thick beans of the very best quality. Pt. 20c.; qt. 35c.; pk. $2.50; bush. $10.00.

Burpee's Improved Bush Lima. This bean produces a magnificent crop of pods, which measure from five to six inches long by 1¼ inches wide; as compared with Burpee's Bush Lima, both pods and beans are much larger, while the beans, either green or dry, are nearly twice as thick. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any lima ever known before. Qt. 35c.; pk. $2.50; bus. $10.00.

Henderson Bush Lima. Compact, Bush form, and produces large crops very early. Beans rather smaller in size than the preceding varieties of the best quality. Qt. 25c.; pk. $1.50; bush. $6.00.

Dreer's, or Kummerle Bush Lima. Qt. 30c.; pk. $2.00; bush. $7.50.

POLE LIMA BEANS—Stangen-Bohnen



1 quart to 150 hills. 8 to 10 quarts to the acre.

The pole variety of Beans are of strong running growth and need stout poles or other support on which to climb. They require a longer season to mature pods than the bush varieties, but by reason of their stronger growth are more productive, and growing on poles are more easily gathered. When planted in the garden, poles should be set three to four feet apart each way. A shovelful of rich compost or well-rotted manure should be placed in the soil at the base of the pole before planting the seed.

Carpenteria Giant-Podded. Is the largest podded and heaviest cropper of all Limas. The pods are **truly gigantic** in size, frequently measuring from seven to eight and one-half inches in length by from one and a half to nearly two inches in width. The beans are extra large and thicker than any other Pole Lima excepting only those of the Potato-Lima type; of a decided greenish tint and indications of fine quality very early. Qt. 30c.; pk. $1.75; bus. $6.50.

Seibert's Large Early. Extra early and very productive. Pods are thin and contain four large green beans of the finest quality. Continues to bear until frost. Qt. 25c.; bush. $5.50.

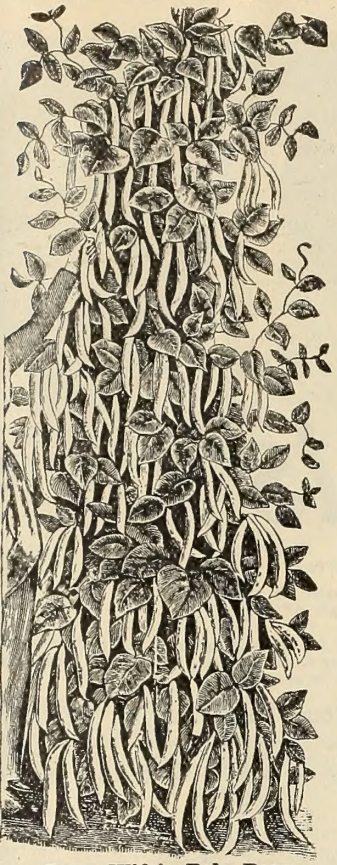
Early Leviathan Lima. This is the very earliest. It will not only give large Lima Beans earlier than any other strain, but is also much more productive, both early and throughout the season. It is a good strong grower, clinging well to the poles, and is a sure setter of pods. The pods differ from those of the other Pole Limas in being straighter and longer. The pods hang out from the foliage in large clusters and contain three to four and freqently five large beans to the pod. Pint 15c.; qt. 25c.; peck $1.50; bush. $6.00.

Ford's Mammoth Podded. The pods grow to an average length of seven inches and are produced in great clusters, with from five to six beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. Qt. 25c.; peck $1.60; bush. $6.00.

Large White. Considered by many the most delicious of the Bean family, a general favorite for home use or market. Qt. 25c.; peck $1.50; bush. $5.50.

King of the Garden. One of the best and most popular main crop varieties. It is medium early and has very long pods, 5½ to 6½ inches long, which are well filled with four or five good-sized beans. The pods are very straight and handsome, and the fine, hardy vines bear abundantly. Qt. 25c.; peck $1.50; bush. $6.00.

Challenger, or Dreer's Pole. A splendid pole variety, quite early, very prolific, and of very fine quality. The pods are borne in clusters, and the beans are short and thick, almost round, and crowded so closely in the pod that the ends are flattened. A very popular variety with market gardeners. Qt. 25c.; peck $1.60; bush. $6.00.



Lazy Wife's Pole Bean.

Green Pod Pole or Corn Field Beans

(New) Burger's Pole, or White Kentucky Wonder. A new pole variety of great merit. Bears long, brittle stringless pods of excellent flavor. It rivals all other pole beans and is destined to become the most popular of all. Qt. 25c.; pck. $1.75; bush. $5.50.

Kentucky Wonder, or Old Homestead. The most popular of the pole varieties, and should be in every garden where beans are planted. It grows luxuriantly and bears for a long period. Pods are very long, very fleshy and deeply creased or saddle-backed, green in color and stringless. Seed light brown. Qt. 25c.; pck. $1.50; bush. $5.00.

White Creaseback. An early, green-podded variety. Pods five to six inches in length, deeply creased or saddle-backed, and borne in clusters. Are very fleshy and stringless; seed white and can be used as a shelled bean for winter use. Qt. 25c.; pk. $1.50; bus. $5.50.

Horticultural, Cranberry, or Wren's Egg. This is a popular old variety for either snapshorts or dry shell beans, especially adapted for short seasons and cool locations. The vines are of strong growth and productive; pods four to five inches in length, one-half inch broad, thick and fleshy. As they mature, both the pods and dry beans become thickly striped with rich carmine markings. Qt. 20c.; peck $1.25; bush. $5.00.

Red Speckled, Cut Short, or Corn Hill. An old variety, very popular for planting among corn, and will give a good crop without poles. Vines medium, not twining tightly, pods short, round and tender. Qt. 20c.; peck $1.25; bushel $5.00.

Lazy Wife. One of the most productive and easily gathered of the Pole Beans, hence its very discourteous name. The stringless green pods average 5 inches long and contain 6 to 8 round white Beans, which make excellent winter shell beans. Qt. 20c.; pck. $1.25; bus. $5.00.

Plant in rows 2 feet apart and six inches apart in the row, covering one and a half to two inches deep. The top of the stalk should be nipped off as soon as the plants begin to flower, as this produces earliness.

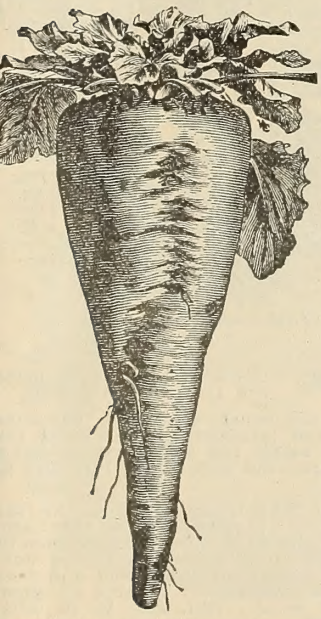
Broad Erfurt. The growth of this bean is entirely different from any of the ordinary varieties known. The plant is of robust, upright, self-supporting growth, reaching a height of 30 to 40 inches, the pods are thick and well-filled with 4 to 6 large beans in the pod, somewhat larger than the ordinary lima. They are more hardy than most varieties of beans, and can be planted earlier and withstand the drought well Qt. 20c.; peck $1.25.

ERFURT BROAD BEANS.

BEETS—Mangel and Sugar

FOR STOCK FEEDING

4 lbs. to the acre.



Lane's Improved Sugar.

The value of these for stock feeding cannot be overestimated. The results from their use are wonderful, as is already shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost and yield immense crops per acre if the soil is rich.

Danish Improved. They are rich in sugar and most desirable for stock feeding. Roots grow to a large size, of oval shape, and very heavy. The foliage is light green with leaf stalks and skin flushed with pink. ¼ lb. 15c.; lb. 40c.

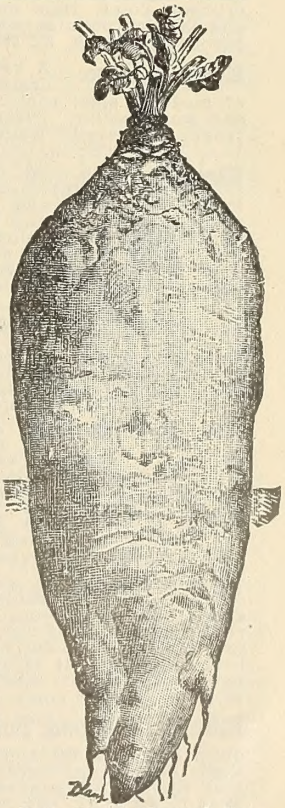
Mammoth Long Red. Very productive, often yielding 40 tons to the acre. It grows well above the ground and is easily pulled. It is the best long red mangel, and of great value for stock feeding. ¼ lb. 10c.; lb. 30c.; 5 lbs. $1.25.

Golden Tankard. The best yellow Mangel in cultivation. It contains a larger percentage of sugar than the red mangels; very desirable and easily pulled. See illustration. ¼ lb. 10c.; lb. 25c.; 5 lbs. $1.00.

Golden Giant Intermediate. Root intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle. ¼ lb. 10c.; lb. 25c.; 5 lbs. $1.00.

Lane's Improved Sugar. An American variety and the best stock-feeding Beet known. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are longer and finer grained; very sweet. Pkt. 5c.; ¼ lb. 10c.; lb. 25c.; 5 lbs. $1.00. **Special prices on large quantities.** Correspondence solicited.

BORE COLE—See Page 11



Red Giant Mangel Beet.

Table Beets

1 oz. to 50 feet of drill; 5 lbs. to the acre.

Our Best Seed is obtained from selected roots, uniform in size and shape, and free from rootlets, with the flesh of deep rich coloring.

Sow in drills about one foot apart and two inches deep. For an early supply, sow in spring as soon as the ground becomes fit to work. For main crop sow the first week in May, and for winter use sow in June. To grow Beets to their greatest perfection, a deep worked and thoroughly enriched light sandy loam is required.

Extra Early Flat Egyptian. The best variety for forcing and excellent for first early crop outdoors, being very early, with small top, root very dark red, round on top but flat beneath, with very small tap root, flesh dark red, crisp and tender when young. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Crosby's Egyptian. The name of this variety is somewhat misleading, as it resembles the Egyptian only in earliness, the root being thicker, handsomer and more regular in shape, smooth, with small tap root. The flesh is very tender and of dark crimson color, thus making a good beet for bunching, and is very popular with market gardeners for this purpose. Pk. 5c.; ¼ lb. 20c.; lb. 75c.

Early Eclipse. A very early maturing beet especially desirable for the home garden. Top of medium size; root nearly globular, with a small tap and small collar. Flesh bright red, very sweet, crisp and tender, especially when young. Pkt. 5c.; oz. 10c.; 2 oz. 15c.; ¼ lb. 20c.; lb. 60c.

Electric. Rich, red flesh, exceedingly tender and remarkably early. In shape almost round. The leaves are small and set close to the crown. The tap root is small, starting without a taper. It shows a maximum of edible portion with a minimum of foliage and tap root. Color very dark crimson, with rings of lighter hue. It is early, coming in with Egyptian. The flesh is delicate, rich, sugary and free from fibre. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

(New) Crimson Globe. Upright growing tops, with few leaves and small neck, firm fleshed and perfectly shaped roots, with dark red, tender, crisp, sweet flesh, make this an ideal early and general market sort, popular alike with grower and consumer. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Detroit Dark Red. A money maker for the gardener and unequaled for the table. An extremely handsome early or main crop variety, of medium size, almost globe-shaped and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich bronzy purple. The flesh is a rich blood-red, slightly zoned and of the finest quality, always sweet and tender, never stringy. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

(New) Eureka. A superb Early Beet; the roots grow three to four inches in diameter; smooth and free from small rootlets. Flesh deep blood-red, tender and of rich flavor. The Beets are ready for use almost as quickly as the extra early sorts, and of better quality. It retains its fine quality until the roots have reached full size. Foliage is comparatively small, of a rich bronze color. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Edmund's Blood Turnip. This is a very good strain of Turnip Beet; it is medium early, is flat round in shape, flesh of darker color than the average Beet. Customers will find it an excellent variety for general crop where a dark colored crop Beet is wanted. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Dewing's Improved Blood Turnip. The leading main crop variety. Roots smooth, handsome, good size, tender and sweet. A favorite with marketmen. The seed we offer is grown from selected Beets and is unexcelled by any in the country. Pkt. 5c.; ¼ lb. 15c.; lb. 50.

Long Blood Red. One of the finest Beets for winter and spring use; also on account of its great productiveness very valuable to grow for cattle. Sweet, crisp and tender; color rich red; withstands drouth. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

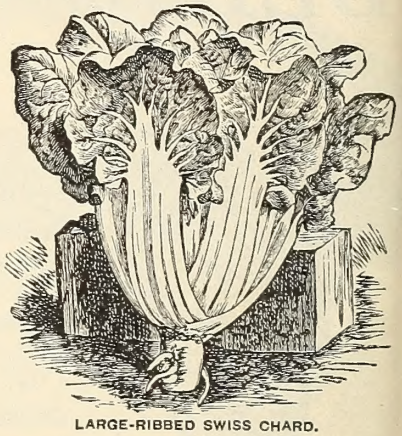
Swiss Chard. Cultivated for its leaves. The midribs are stewed and served as Asparagus, other portions of the leaf used for greens, same as Spinach. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Swiss Chard

Or Silver-Leaved Beet.

Also called Spinach Beet.

This variety does not make edible roots, but is grown for the broad white-leaved stalks which can be bunched together and cooked in the same manner as Asparagus. It is a splendid summer vegetable and will do well in middle latitudes. The young roots may be gathered and cooked like spinach. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.



LARGE-RIBBED SWISS CHARD.

Dark Blood Beauty Beet. For description and price see Detroit Dark Red.

Early Market. One of the most attractive varieties grown, and is especially desirable for hotbeds on account of its small top and close growing habits; globe shape and dark skin and flesh. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Half Long Blood. A half long, deep red beet, by far the best variety for winter and spring use. Tops very upright with exceptionally smooth leaves. Root deep red, half long, very smooth and uniform in shape. Flesh very deep, rich red, sweet and tender. Excellent to slice for pickles. It retains its good quality longer than other sorts. Pkt. 5c.; ¼ lb. 15c.; lb. 50.

Carrots

Our Stock is grown from choice selected and transplanted roots only, and are of the truest type and richest color money can procure.

1 oz. to 150 ft. of drill; 4 lbs. to the acre.

Soil should be richly manured and deeply dug. Sow as early as the ground can be worked, or for late crop until latter part of July, in drills, 15 to 18 inches apart, finally thinning plants to about three to four inches apart in the drill. The seed is slow to germinate, and if sown early or on moist soil, half an inch is deep enough to cover the seed.

Early Horn. Stump rooted; second in size; one of the most popular for forcing and early outside sowing. Flesh deep orange; fine grained; small top. Pkt. 5c.; ¼ lb. 30c.; lb. 75c.

Oxheart, or Guerande. Intermediate length; fully 3 to 5 inches in diameter; quality extra good. Some sorts require digging, but the Oxheart can be easily pulled. It is adapted to shallow soils where the longer sorts would not thrive. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Chantenay, or Model Carrot. For table use is probably the best in shape and finest in quality of all. They are a little longer than the Short-Horn and more productive; always very smooth and fine in texture; the flesh is tender, of a deep golden orange. Pkt. 5c.; ¼lb. 35c.; lb. $1.00.

Pride of the Market Carrot. (For descriptions see Chantenay, or Model.)

Half-Long Orange. This favorite variety, so largely grown for market, originated with the gardeners of Danvers, Mass. The roots measure from one and a half to two inches in diameter at the shoulder, by five to six inches in length, and hold their thickness well, being gently tapering and abruptly pointed at the base. Our strain produces roots uniformly smooth and of rich dark orange color; flesh fine grained and of the finest table quality. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Danvers. The most remarkable thing about this variety, aside from its quality, is its enormous yield, and it is rapidly superseding the long-established Long Orange variety. Our stock is true, and will give greatest satisfaction to the growers. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

St. Vallerie, or New Intermediate. Roots very smooth and regular in growth, of large size, from ten to twelve inches in length, and two to three inches in diameter at the top, tapering gradually throughout. Rich deep coloring and free from hard core. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Improved Long Orange. A standard late variety, beautiful and uniform in shape, deep orange color; good flavor; yields heavy. It requires a deep soil, and the plants should stand eight inches apart in eighteen-inch drills for roots to attain the full size. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

CAULIFLOWER—BLUMENKOHL

1 oz., 1500-2000 plants.

Early Snowball.

The culture of Cauliflower is similar to cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in hot-bed in January or February, and transplant the plants, two or three inches apart, in boxes or in open ground, which in this latitude is usually done from the 15th of March to the 10th of April. Set the plants two feet by fifteen inches apart. If properly hardened off they are seldom injured by planting out too early. When heading, tie the outside leaves loosely over the head to protect it from the sun.

Early Snowball. The best variety on the market. If planted March 1 large heads will be produced early in June, and scarcely a single head will fail to form. Its compact habit renders it a very profitable variety to force under glass, and it does well for late planting. Our stock cannot be excelled in quality. Pkt. 25c. and 50c.; oz. $1.50.

Extra Early Dwarf Erfurt. (Extra Selected.) This is the choicest selected strain of the popular Erfurt type, and is remarkable for its extreme reliability in heading. Plants very dwarf. Pkt. 20c.; oz. $1.50.

Dry-Weather Cauliflower. Also known as Danish Giant and Gilt Edge. As its name indicates, it is especially adapted for growing in dry locations where all other roots fail to do well. The very large leaves furnish great protection to the heads and enable the plant to head up perfectly in dry weather. It matures about one week later than our Early Snowball. Pkt. 25c.; oz. $1.75; lb. $16.00.

CABBAGE SEED

1 oz., 2,500 plants; ¼ lb. to one acre.

Our Cabbage Seed is grown only from the center shoots and from carefully selected solid heads, and will insure a uniform crop.

Cabbage requires a deep, rich soil, high manuring and good culture, in order to obtain fine solid heads. For early use sow seeds of the early kinds in a hotbed or in a box in the house the last of January or early in February, and transplant them in open ground in April in rows two feet apart and eighteen inches between the plants in the row, or sow a bed of seed outside as soon as the soil can be worked, if you do not care for real early Cabbage. These may be transplanted in about four weeks. For second early Cabbage sow in April and transplant in May. For late Cabbage sow in May and transplant in July three feet apart and two feet between the plants in the row.

Early Jersey Wakefield.

Selected Early Jersey Wakefield. The best early Cabbage in cultivation. It forms fine, solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Grown only from selected heads. Our strain is remarkably pure; always gives satisfaction. **Pkt. 5c.;** oz. 20c.; ¼ lb. 50c.; lb. $1.75.

Charleston, or Large Wakefield. This is a selection from the Early Jersey Wakefield which will average about 50 per cent. larger. It is very compact in growth and can be planted in rows two feet apart and 20 inches in the rows. It is about one week later than the Jersey, a long keeper and fine shipper. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.75.

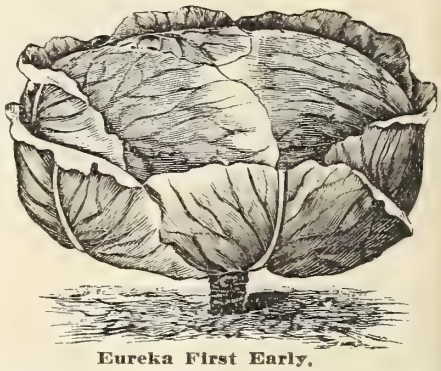
Early Winnigstadt. One of the best of the second early sorts, very hardy and sure heading. Owing to its compact and upright habit of growth and peculiar texture of its short, thick rich dark green leaves, the variety seems to suffer less from the cabbage worm than most other sorts. Head of medium size, sharply pointed, very hard and of excellent quality. Leaves covered with bluish white bloom. Keeps well both summer and winter. It is the hardiest, not only as regards frost, but will suffer less from excessive wet, drought, insects or disease than any other second early sort. Pkt. 5c.; oz. 20c.; ¼ lb. 40c.; lb. $1.25.

Early Spring. The earliest flat-headed variety. A very compact plant. Very valuable for early market. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.50.

(New) Copenhagen Market. It is well known that Denmark is a great Cabbage growing country, and the introduction of some of their varieties in this country have proved very valuable to our Cabbage growers. This superb New Cabbage is undoubtedly without a rival as the **first large** round-headed early Cabbage in cultivation. The stems are short, with large heads which average about ten pounds, and matures with the Charleston Wakefield, and will give a much heavier yield per acre than that well-known variety. Pkt. 10c.; oz. 25c.; ¼ lb. 85c.; lb. $3.00.

New Glory Early. This fine Cabbage originated in Holland, is a wonderful compact plant with few outer leaves, so that a great number of fine, solid heads can be produced on an acre. It matures with the Charleston Wakefield, and is by far the best early sort for those markets that demand a large round or flat Cabbage. The plant is very hardy and has proved a great addition to the Cabbage family. Pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Eureka First Early. This is a remarkable extra early variety of the flat type, maturing and ready for market with the pointed head varieties. It is a Cabbage of excellent constitution, is healthy and not subject to disease. A reliable header and sure cropper. Oz. 20c.; ¼ lb. 60c.; lb. $2.25.



Eureka First Early.

New Leader Cabbage. For description and price see Eureka First Early.

Early Flat Dutch. An excellent second early variety, producing fine large heads after the first early varieties have disappeared. Highly valued, both for its quality and ability to stand the hot sun and dry weather. Heads very solid, broad and round, flattened on top, tender and fine grained. Oz. 15c.; ¼ lb. 50c.; lb. $1.75.

All Head Early. A compact, hard-heading, flat variety, recommended principally for summer and early fall crop, but when sown late makes an excellent, solid and good-keeping winter cabbage. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

New Early. For description and price, see All-Head Early.

All Head, or New Early.

Volga. One of the earliest main crop cabbages of superior quality. Very desirable where a large, uniformly round head with short stem and compact growth is wanted. This sort matures very early for a variety furnishing such large heads of excellent shape. It is also exceptionally hardy and a good keeper. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Fottler's Short Stem Rapid Grower. Large, solid heads, medium early and few outside leaves. Pkt. 5c.; oz. 25c.; ¼ lb. 50c.; lb. $1.50.

Early Summer Cabbage. Is about ten days later than the Wakefield, but, being double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. Oz., 15c.; ¼ lb., 50c.; lb., $1.75.

Henderson's Succession. About one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that it is always sure to head. Pkt. 5c.; ¼ lb. 60c.; lb. $2.00.

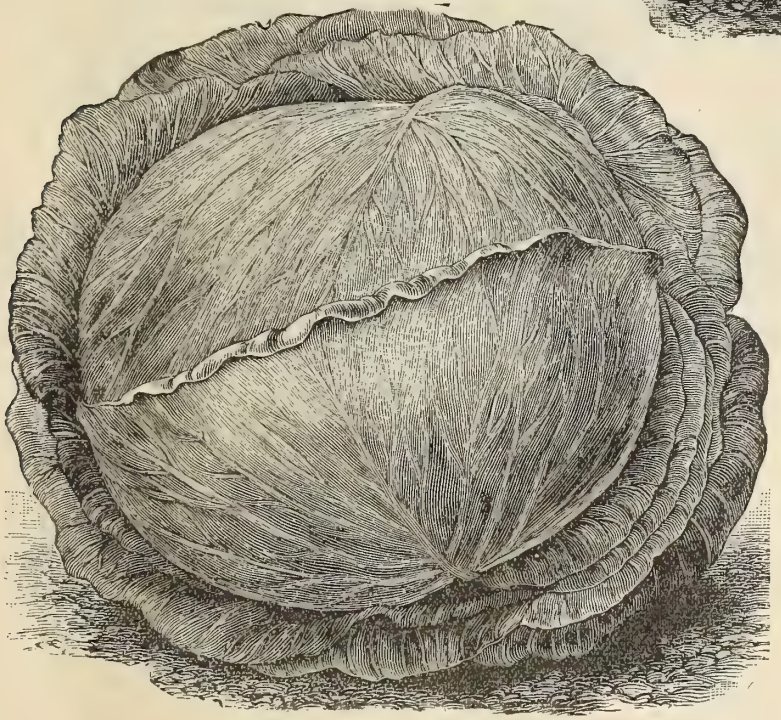
All Seasons. An "all-season" variety, equally good for fall and winter as for summer use; nearly as early as Early Summer, and much larger. The heads are large, solid, round, flattened on top, and of best quality. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Sure Head. The heads are firm and hard; keep well and is a fine shipper; as its name indicates, a sure header and one of the best for late crops. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

Lupton. A Grand Cabbage, combining the second early and late sorts. Strong in constitution, perfect in type, with all the fine qualities of early maturing varieties. The stalk is short; color dark green; very large heads in proportion to the plant; grows uniform, heads good and is a splendid keeper. Pkt. 5c.; oz. 15c.; ¼ lb. 60c.; lb. $2.00.

Danish Ball-Head, or Hollander. This variety has become very popular. The stalks are somewhat leggy, but the heads are the heaviest for its size we have ever grown; exceedingly solid and hard; a sure header; a good keeper when buried through the winter, coming out solid and in good condition in spring. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

Impr. Lupton Cabbage.



Extra Large Flat Dutch.

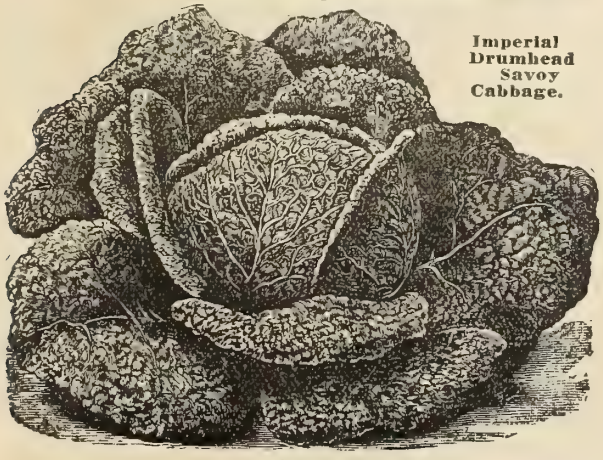
Autumn King, or World Beater.

This is an extremely large and solid-heading variety, well suited for fall and winter. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.50

New Danish Round Head. Compared with Danish Ball Head, has less outer foliage. The heads are larger in size and are set on shorter stalks, maturing two weeks earlier. They are extremely hard and solid, of sweet flavor and tender texture. It is very blight resisting and vigorous in growth during the hot summer and good keeper. Oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Premium Flat Dutch. A standard and excellent variety, developing earlier than most late sorts, and not so good a winter keeper, but for fall use it is tender and of superior flavor. Pkt. 5c.; ¼ lb. 40c.; lb. $1.25.

Extra Large Late Flat Dutch. A superb sure-heading winter Cabbage of most distinct type. The plants are of strong, sturdy growth; the head is surrounded by a spreading circle of large rounded blue-green leaves. These leaves serve as a saucer to catch the light rains or heavy dews and deliver them around the stalk to the roots. The stem is short, and the large round heads are "solid as a stone." From their great solidity they keep well when stored for winter use. Oz. 15c.; ¼ lb. 40c.; lb. $1.25.



Imperial Drumhead Savoy Cabbage.

Imperial Drumhead Savoy. The hardest heading and best variety for early or late crop. This is the finest of the Savoy class and very distinct from all other sorts. Heads large, very compact, solid, and deliciously tender and sweet, and well adapted for either early summer or late autumn and winter crop. Surpasses all other sorts in hardness and keeping qualities. Entire "pits" of it will keep in perfect condition until May. Oz. 20c.; ¼ lb. 50c.; lb. $1.50.

Mammoth Rock Red. This is the largest and surest heading red cabbage yet introduced, and much better than the stocks offered as Red Drumhead. The plant is large with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color. Nearly every plant will form an extra fine head. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.; lb. $2.50.

Cabbage Plants of the leading varieties, we can furnish in season in any desired quantities at reasonable prices. For Prices on other Plants see Page 41.

Celery. 4 BEST SORTS.

Sow the seed in a well-prepared soil as soon as the ground is in a proper condition to work. Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds. In order to secure stock plants, cut off the tops once or twice before transplanting, which should be about in July. Make the soil very rich with well-rotted manure, which should be dug in deep; a moist, low, rich bottom land or well-drained muck soil is preferable. Set the plants eight or twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. 1 oz. to 1000 plants.

White Plume. Selected strain, French grown. This is a very profitable extra early market variety, requiring little labor. It is solid, of fine flavor, and very ornamental. It matures three weeks earlier than other sorts, and it deserves unqualified praise, and calls for no apology. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

New Giant Pascal. Developed from the Golden Self-Blanching, it retains the beautiful color. The stalks are very large, thick, solid, crisp, and of rich, nutty flavor, free from any taste of bitterness. It blanches very easily and retains color and fresh appearance long after being marketed. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.75.

French Golden Yellow Self-Blanching. (Originator's Stock.) This is the best Celery for early use. Critical gardeners depend upon our stock of this sort to produce their finest early Celery. Plants of a yellowish-green color, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness and fine nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt. 10c.; oz. $1.00; ¼ lb. $3.50; lb. $14.00.

Winter Queen. This is the fine Dwarf Winter Celery, being quite similar to the Golden Self-Blanching, but of a rich green coloring like the Giant Pascal. It is more readily blanched than the latter, and ready for use or market much earlier in the fall. The plants make large bunches of extra heavy stalks with a large heart. The stalks are all of even length, and it makes the most handsome appearance of any variety when bunched. The stalks are very fine in flavor, of best table quality, and are of a rich golden-yellow when blanched. Pkt. 5c.; oz. 20c.; ¼ lb. 40c.; lb. $1.25.

Perle Le Grand. A good early sort. Handsome, stocky, robust, rich nutty flavor, a long keeper. Oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Evans' New Triumph. This variety has a very strong and vigorous plant, with very large but crisp, brittle, tender and fine flavored stalks. It is late and requires the whole season to develop, but will keep longer than other sorts. We recommend it as worthy of the first place as a late Celery. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Kalamazoo. A large sized, vigorous growing variety; stalks white, round and distinctly ribbed; very crisp, perfectly solid and of superior flavor; matures a little earlier than Giant Pascal. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

New Victory. One of the best keeping varieties. Oz. 15c.; ¼ lb. 60c.; lb. $2.00.

Sweet Nut. Very high flavored; perfectly stringless. Oz. 15c.; ¼ lb. 60c.; lb. $2.00.

Boston Market. For many years the most popular sort. It is a vigorous grower, and very branching and an excellent keeper. Pkt. 5c.; oz. 20c.; ¼ lb. 40c.; lb. $1.25.

Golden Heart. A distinct variety of sturdy dwarf habit. It is solid, and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is of a light yellow, making it exceedingly showy and desirable for either market or private use. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb $1.25.

Silver, Self-Blanching. Resembles Golden Self-Blanching in habit, with the White Plume coloring. The quality is unsurpassed, very brittle and free from stringiness. Pkt. 10c.; oz. 25c.; ¼ lb. 85c.; lb. $3.00.

Celery Plants. See Page 41.

CELERIAC—Knoll Zellerie

One ounce will produce about 2,000 plants. Produces turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad.

Culture.—Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist, rich soil, in rows two feet apart, and six inches apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is not necessary to earth up or "handle" it. After the roots have attained a diameter of two inches or over they will be fit for use. To keep through winter, pack in damp earth or sand and put in the cellar, or leave out of doors, covering with earth and straw, like beets or carrots.

Celeriac, Large Smooth Prague (French Grown).

Large, Smooth Prague. An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large deep green foliage; French grown stock. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Large, Turnip Rooted Celeriac. A large Celery-flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad. Pkts. 5c. and 10c.; oz. 10c.; ¼ lb. 35c.; lb. $1.25.

Cress, or Pepper Grass

Sprinkle seed freely along shallow drills one foot apart, at intervals, through spring and summer, as desired. Curled Garden, 2 pkt. 5c.; oz. 20c.

Water Cress—Wasserkresse

It is easily grown by planting along the margins of ponds and streams, where it increases both by spreading of the roots and by seeding. Pkt. 10c.; oz. 20c.; ¼ lb. 75c.

Collards

This is a form of Cabbage grown in the Southern States. One ounce of seed will sow 300 feet of drill; two pounds per acre.

Georgia. A mass of leaves on a tall stem, which in the South grow all winter. Per pkt. 5c.; ¼ lb. 15c.; lb. 40c.

North Carolina Blue Stem. The plants grow about two feet in height and are thickly set with large spreading leaves. The fresh growth at the top of the stalk forms nicely blanched leaves, very tender and delicate in flavor. Per pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Chives are a small hardy perennial plant, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced freely from early in the spring and give a mild onion flavor to sausages, salads and various dishes. The tops appear early in the spring, and can be shorn off close to the ground as needed. They can be grown also in pots in a sunny window during winter. Pkt., 10c. **Roots, per bunch,** 10c.; by mail, postpaid, 20c.

CORN SALAD, or Fetticus

1 oz. will sow 20 square feet; 6 lbs. to the acre.

Ackersalat. A vegetable used as a salad. It is sown in the opening of spring in rows one foot apart, and is fit to use in 6 or 8 weeks from sowing. If wanted in early spring, sow in September; cover with straw as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used any time during the winter. Large Seeded German, ¼ lb. 15c.; lb. 40c.

BORE COLE

Hardy Winter. This variety is grown and treated like cabbage. The plant attains a height of 18 inches, with an abundance of beautiful light green leaves, which are densely curled and crimped. Besides being very hardy, it possesses the advantage of all other varieties in forcing a second crop of moss-curled leaves as soon as the first ones are cut or have fallen off. This new growth of second crop of Sprouts is of finest quality, and is ready for market during the winter and early spring months, when it demands fancy prices. Oz. 15c.; ¼ lb. 35c.; lb. $1.25.

Mossback. A half dwarf variety of a very distinct appearance. Its gracefully curled light green leaves are self-folding, which causes the heart to blanch to a beautiful yellow. It matures very early and is superior to all other strains in quality and flavor for fall use, and should be sheltered or gathered before frost. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Dwarf Green Scotch. Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy and will remain green during the winter where the temperature does not fall below zero. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

SUGAR CORN

FOUR TYPES OF THE HARDY EARLY ADAMS CORN.

First Early Neck. This variety can be planted earlier than any other sort; ear short, grain white. It is not a Sugar Corn, but, on account of its being largely sold for table use, we class it among the Sugar Corns. Ear 3c.; doz. 25c.; qt. 15c.; pk. 60c.; bush. $2.00.

Adams' Extra Early. Similar to the First Early Neck, larger, but a fraction later; a favorite variety for early markets. Ear 3c.; doz. 25c.; qt. 15c.; pk. 60c.; bush. $2.00.

Adams' Early. A splendid early variety and safe cropper. Doz. 25c.; qt. 15c.; pk. 60c.; bush. $2.00.

Improved Early Adams, or White Cob 65-Day. A distinct improvement over the Old Early Adams, fully as hardy; ears measure from 10 to 14 inches in length, with 12 or more rows to the ear. The grains are narrow and deep, of excellent table quality. Any portion of the crop not needed for the table will make fine ears for stock feeding. Qt. 15c.; pk. 60c.; bush. $2.00.

Red Cob, or Ninety-Day Corn. A distinct and well-known sort of white Corn; matures in about ninety days; produces large, handsome ears. It adapts itself to any kind of soil, and can be used green as a table corn or when dry for stock feeding. It may be planted for early market at intervals as soon as the frost is out of the ground until middle of July. Used by many truckers for late planting, as it produces a sure crop. Qt. 15c.; peck. 60c.; bus. $2.25.

SUGAR CORN

1 quart to 200 hills; 10 quarts, 1 acre.

For the convenience of our customers we have arranged the following list in order of the earliness.

The Sugar or Sweet varieties should not be planted until May, or when the ground has become warm, and for a succession every ten days or two weeks, until the last of July, in hills—for early varieties, 2x3 feet, and for the late, large kinds, 3x3 feet. Give frequent and thorough cultivation. Allow five to six grains to each hill, but never allow more than three plants to stand.

(New) Morse's Golden Cream. It is of California origin, resulting from a cross between Country Gentleman and Golden Bantam. The kernels are long and pointed, which are irregularly formed on a very small slender cob. The habit of growth is rather dwarf, and the brownish red stalks bear two to four ears of a rich creamy color of unequaled flavor and quality, maturing with the very earliest. Qt. 30c.; 4 qts. $1.00.

Premo. An Extra-early 65-day Sweet Corn; medium-sized ear of good quality. Qt. 20c.; peck 90c.; bush. $3.25.

(New) Mayflower. This New Sweet Corn is truly a wonder. It is as early as Premo, with larger and much better shaped ears and medium-sized fodder. The quality is very fine; will be appreciated by market gardeners and in private gardens. Qt. 30c.; 4 qts. $1.00.

Peep o' Day. Is of recent introduction, and is credited by many as being exceptionally early, comparing favorably with the Premo of unparalleled sweetness. The stalks bear from two to five years each and are very dwarf, which admits of their being planted close together. Qt., 20c.; pk. $1.00; bush. $3.25.

Earliest Sheffield. This new extra early Corn is the result of a cross between the Cory and Extra Early Adams. It combines the robust growth and extreme hardiness of the Extra Early Adams with the finer sugary quality of the Cory. Ears average six inches in length and are well filled with grains of medium size, arranged in ten or twelve regular rows. The grains are juicy and of fine, sweet flavor, if gathered at the proper stage. It is as hardy as the Adams, ready for use earlier, and of much finer quality. One of its strongest recommendations as a market variety is the entire freedom from smut, which destroys so much of the extra early Corn. Qt. 20c.; pk. $1.00; bush. $3.50.

Kendel's Early Giant Sweet Corn. This is not a mere novelty, but is of real merit. Ears large, measuring 8 to 10 inches long, having 10 to 12 rows on each cob; kernels pure white, sweet and tender. Qt. 20c.; pk. 80c.; bush. $3.00.

Perry Hybrid. A very early 12 rowed variety, growing only 4½ to 5 feet high, with ears set low on the stalk; large ears, well filled; very sweet and tender. Qt. 20c.; pk. 80c.; bush. $3.00.

Cory. The popular extra early Sweet Corn. Ears are fair-sized and of very fine quality. Qt. 20c.; pk. 80c.; bush. $3.00.

Trucker's Favorite Sugar Corn. Is a very desirable second early variety, of sweet and delicious flavor, producing a large ear well filled to the end. Qt. 20c.; pk. 80c.; bush. $3.00.

Shaker's Early. This is a superb early variety, with large, well-filled ears; the kernels are of pearly whiteness and most delicious sweet flavor. It is ready to market one week after Cory Corn, while the ears are very much larger, and it completely fills the interval between Cory and Stowell's Evergreen. It is very prolific, generally bearing three to four ears to the stalk. Qt. 20c.; pk. 80c.; bush. $3.00.

Country Gentleman. Very deep grains, small cob and exceedingly rich flavor. Often produces three to four ears to the stalk. The grains are "staggered" on the cob, leaving no signs of rows. Qt. 20c.; pk. 90c.; bush. $3.50.

Dobbin's Early Evergreen. The ears of this new Corn grow 8 inches long; are mostly 14 to 16 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. The kernels are very sweet and tender. The cob is small, with irregular rows. Qt. 20c.; pk. 80c.; bush. $3.00.

Early Mammoth. Resembles very much the late Mammoth; the ears are fully as long, but more tapering, and ripens two weeks earlier. Qt. 20c.; pk. 80c.; bush. $3.00.

Stowell's Evergreen. Grown more extensively than any other; a favorite with canners and market gardeners for late use. The ears are of large size, kernels very deep, tender and sugary; very productive and remains for a long time in fit condition for table use. Our stock is absolutely pure and true to name. Qt. 20c.; pk. 80c.; bush. $3.00.

White Evergreen. This valuable Sweet Corn possesses all the good points of our Eastern-grown strain of Stowell's Evergreen, with the additional advantage that in the green state both cob and grains are pure white. The quality is of the very best. There is nothing in late Corn that can equal it. The stalks are strong and vigorous, the ears are very large and uniformly well filled to the tip with long slender grains of the most delicious flavor. Our stock being grown from the originator's, is absolutely pure and as good as can be had. Qt. 20c.; pk. 80c.; bush. $3.00.

Late Mammoth. This variety produces larger ears than any other Sweet Corn; very weighty and profitable for growers selling by the ton. Qt. 20c.; pk. 75c.; bush. $2.75.

CORN—Field Corn

The following varieties have all been grown especially for Seed. The Seed is well cured and true to name.

Golden West. Is one of the most vigorous growing varieties that we know of. The stalk is of medium height, short jointed, and has broad leaves, which help to mature the large crop of Corn which it produces. It is **the deepest-rooted Corn that we know of.**

The ears have usually 18 to 20 rows. It is the **most attractive appearing Golden Yellow Corn** that we know of. The kernels are of such shape that they wedge in tightly and make a solid ear, not only at the cap, but also down near the point or germ end. It matures in about 100 days, thus making it a safe corn to plant, and we claim that it **will yield a larger crop than any other Yellow Corn in existence.** Pk. 50c.; bush. $1.50.

Golden West.

Pride of the North Is the very Earliest Yellow Dent Corn in cultivation, and can be successfully grown farther North than any other Dent. Originated in extreme Northern Iowa. Ripens readily in New England. Matures perfectly in 90 days; very hardy and prolific; ears of uniform size, cob small, kernels closely set on the cob, and are long and compact. Peck 40c.; bush. $1.25.

Golden Beauty. It is a large and broad-grained Yellow Corn. The ears of perfect shape, with from ten to fourteen straight rows of grains. The cob is very small. Peck 50c.; bush. $1.50.

Leaming Improved Dent. A very popular and extremely productive variety. On good land the stalks grow tall, producing two good ears to each stalk. The ears are long, with small red cob well filled with grains of medium size, but deep, of a rich golden color. It ripens with us in from 100 to 110 days, and makes a good crop, even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. The stalks are rather slender and leafy, making excellent fodder, while the grains being so deep or long, yield an extra large quantity of shelled corn per bushel of ears. Peck 40c.; bush. $1.25.

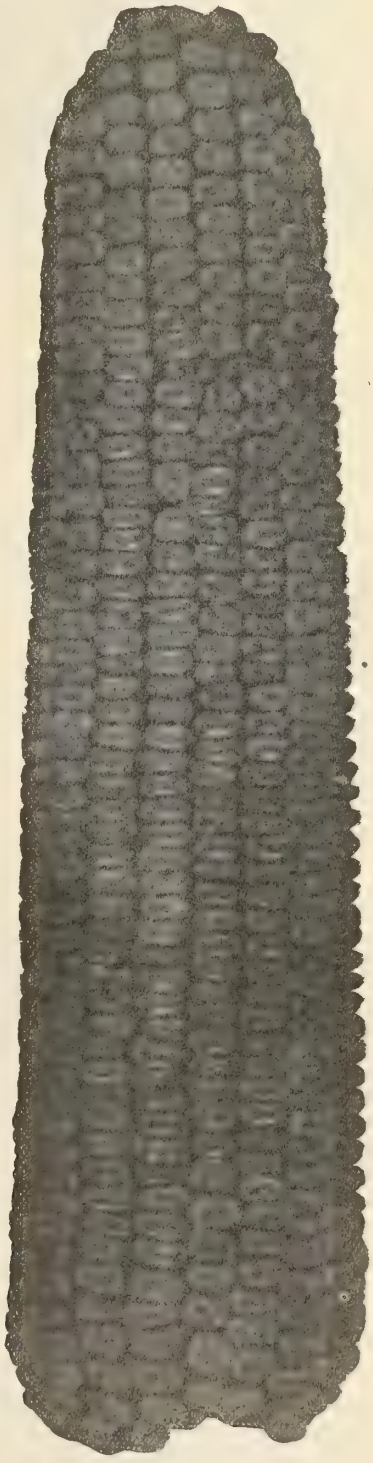
Iowa Gold Mine. Ears of good size, color golden yellow, grain very deep, cob small. Specially recommended for its productiveness, often bearing two large ears to a stalk. Peck 50c.; bush. $1.50.

Improved Maryland Yellow Dent. (See Illustration.) This magnificent Golden Yellow Corn is the result of a cross with the Golden West and Maryland Yellow Dent, both well known varieties. The ears will measure from 12 to 15 inches in length with 14 to 18 rows of very deep grains closely placed on the cob. We feel assured that the strain has been fully established and will mean larger and more profitable crops to the grower. Several growers who planted it last season report 5250 pounds per acre. Peck 50c.; bushel $1.75.

Iowa "Silver Mine Dent" Corn. The ears measure from ten to twelve inches in length, and often weigh 1½ lbs. They are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels on a small white cob. It matures in about 100 days. Heavy yielder. Peck 40c.; bush. $1.25.

Maryland White Dent. An old standard variety and great favorite by every farmer who has grown it. The stalks are of a strong growth, bearing from one to two large ears, which have 10 to 12 rows to the cob. Grain is pure white and of fine quality. Pk. 40c.; bush. $1.25.

Hickory King. Largest grains of any white variety. Matures early and very productive. Ears set low, are of large size, well filled, very deep grained. It produces well, even on light land. Peck 50c.; bush. $1.50.



Improved Maryland Yellow Dent.

POP CORN

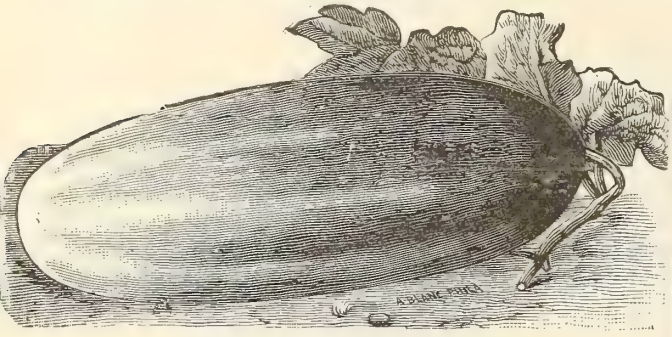
White Rice. The best variety for popping purposes; grains pointed, pops white and full, is very productive and of excellent quality. Lb. 6c.

Queen's Golden. This is one of the hardiest and most productive varieties. stalks growing six feet in height, with numerous long, slender ears, well filled with small, round, golden yellow grains. When popped it is a creamy white and a single kernel will frequently expand to nearly an inch in diameter. Lb. 6c.

If sent by mail, add 8c. per lb.

CUCUMBERS—Gurke

Plant as soon as the weather becomes settled in hills four feet apart each way, with eight or ten seeds in each hill, cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects leave three or four plants to the hill. For pickles, plant from the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productive uses.



Improved Arlington White Spine.

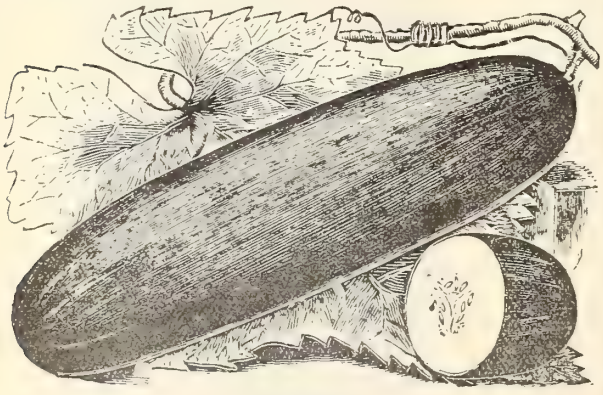
MR. CASPAR GUNDEL, Atlantic Co., N. J.

Writes on April 23, 1913, all my seeds are up fine and the plants are doing well. All my vegetables last season were very fine and I supplied the most critical trade in Atlantic City at good prices and I am in hopes to increase my crops this year. I enclose another order, in which you can include a catalogue for my neighbor who also wants to get some seed from you.

Early Green Cluster. A short, prickly variety, bearing clusters; prolific; fine for bottle pickles. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Arlington White Spine. The cucumbers are very regular in outline, uniform in size, averaging seven to eight inches in length, **straight** and of a **rich dark green color.** Flesh white, crisp and solid, with comparatively few seeds. Vines of vigorous growth and very productive. Per pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Klondike. Of recent introduction, has already become a favorite with market gardeners and shippers all over the country. The vines are very thrifty, blight resisting and sure setting. They bear profusely and continually when other varieties have died away. The handsome dark green cucumbers average seven inches long and two inches in diameter, and demand the highest price when offered on any market. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

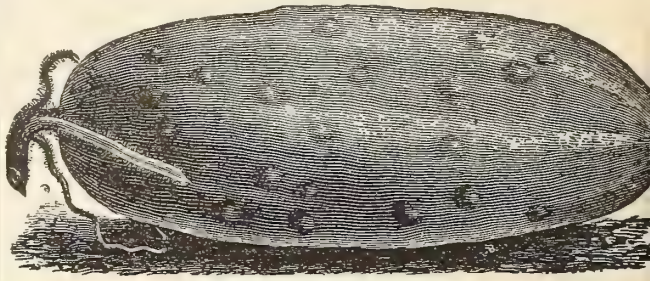


Klondike.

New Davis Perfect. This new variety has several points of exceptional merit to its credit—extreme earliness, dark green color, regular in size and very prolific. It is almost seedless one-third of the length from the stem end, is unsurpassed for slicing and resembles very closely a hothouse Cucumber. Oz. 10c.; ¼ lb. 15c.; lb. 50c.

Fordhook Famous. This new extra long White Spine cucumber produces perfectly smooth, very dark green, handsome straight fruit, measuring 12 to 17 inches long. They are always solid, flesh being a greenish white, firm, crisp and of most delicious flavor. It is a great cropper and fruit is full of flesh with but few seeds. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

Evergreen Extra Long White Spine. This is a strain of White Spine Cucumber with longer fruit than the old type. The Cucumbers grow ten inches long and are straight and handsome and of fine quality, and retain their green color for a long time. Matures a little later than the early strain, but the fruit is larger and handsomer. One of the best varieties. Oz. 10c.; ¼ lb. 20c.; lb. 60c.



Evergreen White Spine.

Cumberland. This new pickling variety was produced by a cross between White Spine and Paris Pickling. It combines the slim, straight shapes, fine spines and crisp flesh of the Paris Pickling with the vigor and productiveness of the White Spine. The fruit is covered with fine spines except at the stem end. It makes a very fine quality of pickles, being of best shape, and good deep green and crisp. The vines are healthy and productive. Oz. 5c.; ¼ lb. 15c.; lb. 50c.

Early Cyclone. It is not only the earliest Cucumber in cultivation, being fully two weeks ahead of White Spine, but it is of the desirable White Spine type, being shorter, thicker and holding better its deep green color than any other early Cucumber in cultivation. It is very prolific and grows its fruit in bunches of threes and fours, of uniform size and shape. A single hill will sometimes produce from 10 to 12 shapely Cucumbers. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Boston Pickling, or Green Prolific. Its characteristics are its uniform growth, seldom yielding Cucumbers too large for pickling, and its immense productiveness. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Jersey Pickle. In size between the Half Long and Long Green, and is used extensively by pickle growers, being productive and of deep green color. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Imp. Long Green.

Long Green.

Our carefully selected strain, under favorable conditions, produces fruit averaging from 12 to 16 inches in length. Skin is a deep rich green, flesh solid, crisp and of excellent quality. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Japanese Climbing.

Vines are extra strong, vigorous; being a climbing sort, can be grown on trellises etc.; valuable in small gardens. Very prolific, from 40 to 50 having been counted on single plants. Fruit long, round, of fine flavor. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

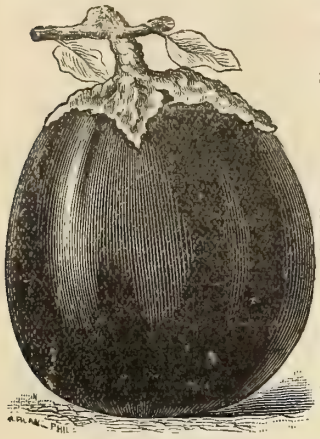
Gherkins, or Burr.

Very small, quite distinct from all others. It is grown exclusively for pickling, and should be picked when young and tender. Pkt. 5c. and 10c.; ¼ lb. 25c.; lb. 75c.

EGG PLANT—Eierfrucht

1 oz. will produce 1,000 plants.

Sow in March in hot beds, and transplant when two inches high into a second hot bed, or let them remain and thin out to four inches apart. When the weather becomes settled, transplant into the open ground three feet apart each way. Good culture is quite as important as good seed. Work the ground deep, make it rich with well-rotted manure and hoe often.



Black Beauty.

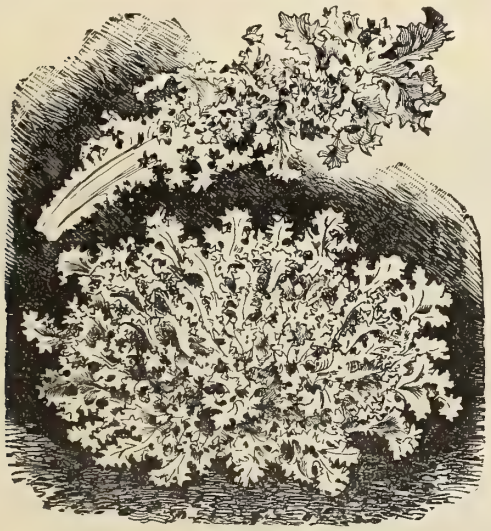
Black Beauty. The most beautiful and earliest of all large Egg Plants. Pkt., 10c.; oz. 30c.; ¼ lb., $1.00; lb., $3.50

New York Improved Purple. Oval shaped, thornless, dark purple color and rich flavor. Pkt. 10c.; oz. 25c.; ¼ lb. 80c.; lb. $3.00.

New Mammoth Smooth Stem. This superior strain is a decided improvement on the New York Large Purple in quality, size and great beauty. The plants are large and vigorous, leaves of a light green shade, stem smooth, fruit large, oval early and of a fine deep purple. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. $3.50.

ENDIVE—Endivien

1 oz. to 100 feet of drill; 3 lbs. to acre



It may be sown at any time. For main crop sow in June or July in rows 16 inches apart. When nearly full grown it is blanched, to destroy bitterness, in the following form: When dry gather up the leaves and tie them by their tips in a conical shape, or lay clean boards right over the plants, which thereby excludes the light and air from the inner leaves, which then blanch to a beautiful yellowish white. After fourteen days or three weeks they will be ready for use. Tie up at different times, as it only keeps a short time after blanching. It makes a splendid salad and is very useful, as it comes in after lettuce is gone.

Ever White Curled. By far the most beautiful variety. Plants moderately dense; leaves coarser than those of the Green Curled, but the mid-rib is yellow and the leaves frequently almost white, so that the plants are very attractive and always bring the highest prices on the market. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.00.

Green Curled. This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp, tender and fine flavored. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.00.

KALE—Blatterkohl

For broadcast, 2 to 3 lbs. per acre. For transplanting, 1 oz. to 200 ft. of drill.

Long Standing, or New American Kale. This beautiful deeply green curled variety combines two important features, hardy as the Siberian and extra curled, and like the well-known Curled Scotch. Superior to all other sorts and will stand longer without shooting to seed than any other. ¼ lb. 10c.; lb. 30c.

While we offer no premiums or draw back checks, we are prepared to save you from 10 to 25 per cent. on your Seed Bill and assure you of getting the Best Seeds and Best Service.

Impr. Kohl-Rabi

KOHL-RABEN

1 oz. will produce 1500 plants.

This forms a bulb above the ground and its flavor mingles in the peculiarities of the Cabbage. Sow in April in rows eighteen inches apart, thinning out to eight inches between the plants.

Early White Vienna. Excellent for forcing and of fine quality. The bulbs grow to the size of an apple when ready for use, and are of a pale whitish green. They are of delicate cabbage-like flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 60c.; lb. $2.00.

Monstrous Carentan.

LEEK—Lauch

1 oz. to 50 yards of drill.

Sow early in the spring in drills 1 inch deep and 12 inches apart; when about 6 inches high transplant into deep, rich soil, 5 inches apart; use a dibble and plant deeply, close to their leaves, so that the neck may become blanched.

Large London Flag. A favorite market variety, of enormous size, leaves large and broad; flavor very mild and pleasant. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Monstrous Carentan, or Scotch Champion. Of extra large size; the leaves are fan-shape, of a dark green color; the edible stem is 6 to 8 inches long and 3 inches in diameter. Pkt. 5c.; ¼ lb. 60c.; lb. $2.00

LETTUCE—Lattich

1 oz. to 2,500 plants; 3 pounds to acre.

For early spring sow in a seed-bed in September or October, and protect through the winter with cold frames. Seeds sown in hotbeds in March will, if kept from cold, make good plants in April. Transplant in good rich soil in rows 18 inches apart, and 8 to 10 inches in the rows. For a later supply, plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance.

Big Boston. This is a fine forcing variety for cold frames during the winter months, as it produces heads of very large size, often 12 in. or more across, and succeeds better in cooler temperature than most forcing strains. The large heads are beautifully blanched and of superior quality. It also heads well in the open ground during cool weather of spring and fall, and has lately become popular in the South to grow for shipping North. Our seed is an extra selected strain of the true stock. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Mammoth Black-Seeded Butter. Solid and of most excellent quality. A strain of large, smooth-leaved head Lettuce, forming large, solid, Cabbage-like heads of thick, brittle leaves, inner ones becoming very white, tender and fine flavored. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Big Head. Plants of extra large growth, producing heads of immense size under favorable conditions. The heads are very large and closely folded. Inner portion is beautifully blanched, and stands for a considerable time before running to seed. Outer leaves a light green. We offer an extra choice strain. Pkt. 5c.; oz. 15c.; ¼ lb. 30c.; lb. $1.00.

Stonehead, or Stubborn Seeder. Grand mammoth hard-heading Cabbage Lettuce. Plants twelve inches across with extra large, solid, round heads that are particularly rich and buttery in flavor; always well blanched and tender. The inner leaves are beautifully white and curled like a fine Savoy Cabbage. Splendid for summer use, both for the home table and for market. Most highly recommended. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.; lb. $1.00.

May King (New). A very early new variety, forming fine large solid heads 6 to 7 inches in diameter a few weeks after planting, of excellent quality and desirable for growing either under glass or outdoors, where it very early matures. In cool weather the edges of these outer leaves are lightly tinged with brown. We recommend this new strain for first early spring planting, and again during August and September for fall use. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Earliest Tennis Ball, or Boston Market. Earliest and suitable for forcing under glass. A first-class variety and one of the best Lettuces for forcing under glass or early planting outdoors. Plants medium sized, having thick, dark green leaves, and well grown forming very solid heads, the inner leaves being blanched to a rich creamy white and exceedingly crisp, tender and rich flavored. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Large White Loaf. This is a standard variety amongst truckers for planting early in the spring or fall to stand out over winter. It is an exceedingly early heading variety, compact, tender, solid head and of fine quality. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.; lb. $1.00.

Hanson. The plant is compact and forms a large, flat, cabbage-like head, and is so slow to form a seed stalk that it often fails to seed at all. Outer leaves bright green, with prominent light colored veins; inner leaves white and usually curved and twisted at the base; very tender and sweet; a favorite variety for home use Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. 90c.

Unrivaled Lettuce. This new lettuce might well be called an Improved Big Boston. It is rapidly coming into favor with market gardeners in sections where the Big Boston does well. Its usefulness and value are identically the same as Big Boston, but it is preferred by market gardeners because of its being a solid green color with no brownish tinge at the border of the leaves; its heads are larger and of better appearance than Big Boston. Crop very short. Pkt. 5c.; 1 oz. 20c.; ¼ lb. 50c.; lb. $2.00.

Stone Head, or Stubborn Seeder.

☞ We are Specialists on LETTUCE SEED AND OUR STOCK IS FREE OF SPORTS.

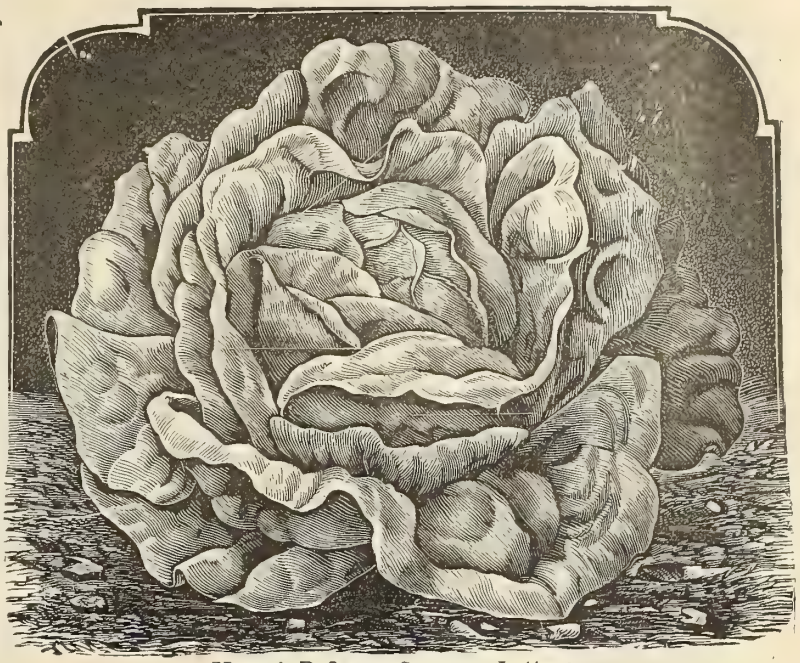
LETTUCE—Continued

Mammoth Salamander, or Satisfaction. A very bright green and attractive variety. It forms large, solid heads, composed of thick, smooth, very tender leaves, the inner ones finely blanched and all of the finest quality. It remains a long time in head before running to seed. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. $1.00.

Manns' Defiance Summer. This variety, introduced by us several years ago, has made a very eventful impression upon the grower, as well as the consumer. In appearance it outclasses all others. It forms handsome, solid heads of enormous size, almost as large as cabbage heads, which remain in good salable condition long after all others have gone to seed. The flavor is excellent; the leaves are a beautiful light green. Very profitable for market gardeners. Oz. 20c.; ¼ lb. 50c.; lb. $1.50.

Baltimore Early Market. Originated by a local market gardener, who for several years past has supplied the earliest and finest Butterhead Lettuce to the Baltimore market. In comparison with May King it is earlier and free from the red tint; the outer leaves are a light green, with the entire head fully blanched to a rich buttery yellow tint, which makes it so attractive for late fall or in cold frames and early spring use. Oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Sensation This variety is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color yellowish green; quality very fine, being crisp and tender. Pkt. 5c.; oz. 15c; ¼ lb. 40c.; lb. $1.25.



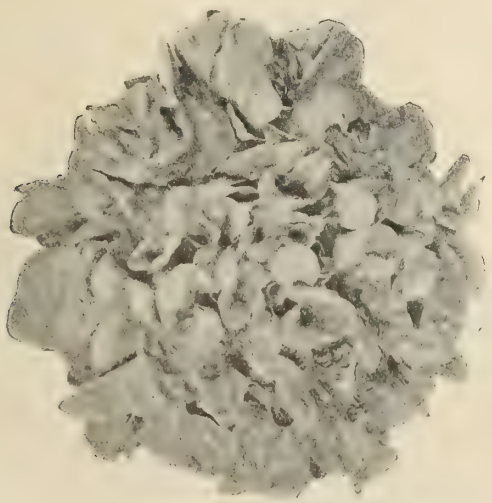
Manns' Defiance Summer Lettuce.

LOOSEHEAD, OR CUTTING VARIETIES.

Grand Rapids. (Seed black.) As a lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list, being of quick growth, hardy, little liable to rot and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges. The leaves do not wilt quickly after cutting, so that the variety will stand shipping long distances better than most sorts. Very attractive and desirable for garnishing. Package 5c.; oz. 15c.; ¼ lb. 30c.; 1 lb. $1.00.

Cos, or Celery Lettuce

Paris Self-Folding White Cos.—Grows to very large size, producing long-pointed, compact bunches. The outer leaves are closely folded about the center and interior is well blanched. Pkt. 5c.; oz. 15c.; ¼ lb. 30c.; lb. $1.00.



Baltimore Oakleaf. This is a great improvement upon the old variety, instead of the loose, green oak-leaved-shaped plants, of inferior quality and taste, we are offering in this new strain a well-compact, large-headed, round leaved variety of a beautiful light green color, which remains in fine condition long after other varieties have gone to seed. It is very hardy and largely used by market gardeners for late planting to stand out over winter and develop large, solid heads very early in the spring. Oz. 15c.; ¼ lb. 30c.; lb. 75c.

All Seasons. One of the best all-head Lettuces standing the hot sun to a remarkable degree, slow to seed, handsome in appearance. The outer leaves are a bright soft green; the finely blanched inner leaves are a rich golden yellow, tender and mild in flavor. The heads are broad and nearly flat at the top; they continue to increase in size for about two weeks after they are ready for use. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

MELON—Musk or Cantaloupe

1 oz. for 60 hills; 3 lbs. to the acre.

All Melons thrive best in a light, dry, sandy soil. Sow after all danger of frost is past in hills six feet each way, ten seed in a hill. When the plants have made the second pair of leaves, and all danger of insects is past, thin out four to a hill. If the plants grow very rank, the tips of the leading shoots should be pinched off when about three feet long.

GREEN-FLESHED VARIETIES.

Knight's Early Maryland. This very early Cantaloupe, in the hands of the Anne Arundel county growers, has placed this county in first rank for producing melons of unequaled quality. Baltimore shippers supply all large cities with this superior Melon at good prices. The melons are oblong, heavily netted, average 7 to 8 inches long and 5 to 6 inches in diameter; flesh thick light green and very sweet; matures 10 days earlier than Rocky Ford. The seed we offer is private stock. Pkt. 5c.; ¼ lb. 30c.; lb. $1.00.

Baltimore Nutmeg. One of the best all-round melons in cultivation, and recommended for its uniform shape and size and fine quality. Is slightly pointed at stem end; somewhat ribbed and coarsely netted. The flesh is thick, green and very sweet. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Champion Market. A splendid variety of the Netted Gem type, producing fruits nearly three times as large. They are regular in form, nearly round, averaging eight inches in diameter, with well-netted ribs, thick light green flesh, with very thin rind and true Netted Gem flavor. Pkt. 10c.; ¼ lb. 20c.; lb. 60c.

Extra Early Jenny Lind, or Jersey Button. This is an improved type of Jenny Lind. There is a distinct knob or button growing out of the blossom end, as if the fruit had attempted to make a second growth. This growth is a peculiarity of the earliest ripening strain, and indicates the finest flavor, not often found in any other melon. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

The Knight.

Extra Early Hackensack. The fruit is medium size, nearly round, deeply ribbed, with very coarse netting. Pkt. 5c.; ¼ lb 15c.; lb. 40c.

Netted Gem.

Rocky Ford, or Netted Gem. This has become one of the most popular of small or basket Melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh light green, very thick and highly flavored. We offer an exceptionally fine stock of this sort, the fruit being wonderfully uniform in shape and quality. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

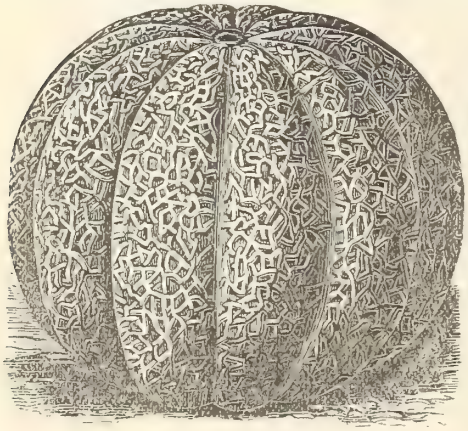
Eden Gem. This might be described as a larger fruited oval or oblong melon of the Rocky Ford type. The melons are regular in size and form, averaging about six inches in length by five inches in depth at the center, and a little over two pounds in weight. The skin is light golden and heavily netted. The meat is very thick, light green in color, melting in character, but firm enough for long distance shipments. Per pkt. 5c.; oz. 10c.; ¼ lb 25c.; lb. 75c.

SALMON-FLESHED VARIETIES.

Tip-Top. It is a yellow-fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Paul Rose, Petosky, or Salmon Fleshed Gem. This is the original salmon fleshed "basket" melon. It holds the same place in the salmon fleshed sorts as the Netted Gem does in the green fleshed. Pkt. 5c.; ¼ lb. 20c.; lb. 50c.

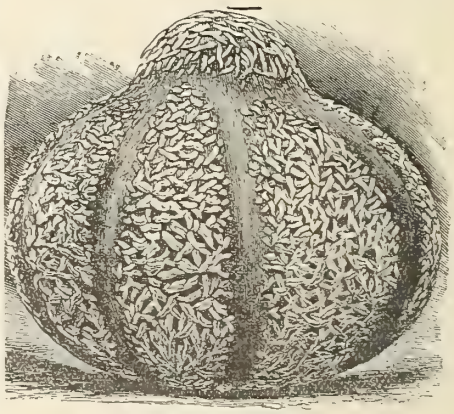
Burrell Gem. Of sweet and aromatic flavor, oblong shape, smoothly rounded ends, closely netted and slightly ribbed dark green skin. Fruits average 6 inches long by 4 inches deep. Very fine for marketing. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.



Champion Market.

Emerald Gem. Ripens early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Hoodoo. The fruits average nearly round. The netting is exceptionally dense. The rind, although thin, is so very firm that the melons arrive in distant markets in perfect condition. The flesh is very thick, highly colored and of most delicious flavor. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.



Extra Early Jenny Lind.

Citron for Preserves. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserves of peculiarly fine flavor. Flesh white and solid. Large pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

WATERMELON—Wassermelone

1 oz. for 30 hills; 3 or 4 pounds to the acre.
Cultivate exactly as for Cantaloupe, except that the hills should be 8 to 10 feet apart.

Tom Watson

Kleckley's Sweet, or Monte Cristo. This very popular melon is one of the best for nearby markets. Fruits are medium size, oblong, of a dark green color and have very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Halbert's Honey. Fully equal in quality to Kleckley's Sweet, which it resembles. It is more even in outline, is blunter at the ends and the skin is of a richer, darker color. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Tom Watson. A large long melon with dark green rind and light crimson flesh of excellent quality. It is a splendid shipper and is being grown extensively in the South for Northern markets. The seeds are brown tipped with white. Pkt. 5c.; ¼ lb. 20c.; lb. 75c.

Alabama Sweet. This excellent shipping melon is the leading sort grown by Texas and other Southern melon growers. The rind is dark green marked with a still darker green mottled stripe, and while thin it is very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet and luscious, entirely stringless and very firm. The seeds are white, slightly tipped with brown, and are firmly set in small cavities near the rind. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

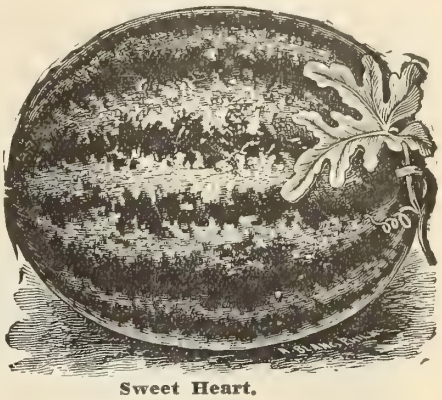
Florida Favorite. Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Oz. 5c.; ¼ lb. 15c.; lb. 40c.

Triumph. A splendid shipping variety of large size and handsome appearance. The melons are rather shortened in form, but thick through. Skin deep bluish green, with dark-red flesh of good quality. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Dark Icing. Skin dark green indistinctly veined with a lighter shade. Fruit almost round. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Shaker Blue. Melons grow as large as that great shipping variety, the Triumph, but are very much better flavored and even handsomer in appearance. The melons are a round oval in form, from sixteen to eighteen inches long by twelve to fifteen inches in diameter. Well-grown melons average forty to fifty pounds, but frequently there are some that weigh from sixty to eighty pounds each. The rind is dark green, striped with narrow bands of a lighter green, and when ready for shipping the melons are seemingly of a solid dark-green color. The flesh is red, the heart large, with no core, and the flavor superb. For shipping to distant markets this melon is most satisfactory. Pk. 5c.; ¼ lb. 15c.; lb. 50c.

Sweet Heart. Most popular for market. Large heavy fruits of oval or round form; skin very pale green, with distinct netted lines of a slightly darker shade The large handsome fruits bear shipping well. The solid flesh is a deep rich red, crisp and melting; its luscious quality has made it a leading favorite in the Eastern markets. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.



Sweet Heart.

OKRA, or GUMBO

10 lbs. to acre.
Sow in drills during April and May. Thin until plants are 12 inches distant, and draw earth to the stems for support.

Improved Dwarf Green Prolific, or Density. A distinct variety growing about fourteen inches high. Grown in competition with the ordinary dwarf, it produces twice the number of pods, which are very smooth and beautiful. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

White Velvet. Pods are large, perfectly smooth. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Perkins' Mammoth Green Pod. A splendid variety. Very prolific, with slender long green pods of best quality and most desirable color for canning. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

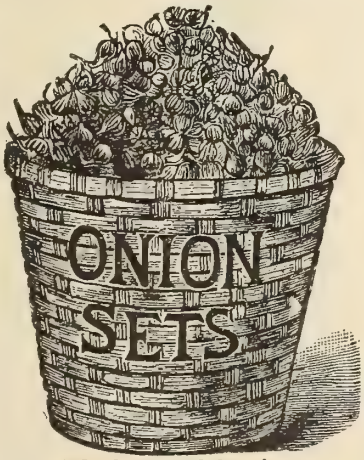
We are large producers and contractors of Onion Sets, with best facilities for handling large quantities.
Prices quoted below are subject to market changes.

Choice Yellow Danvers.
Qt. 10c.; bush. $2.00.

Choice Yellow Strasburg.
Qt. 10c.; bush. $2.00.

Choice White Silver Skin.
Qt. 15c.; bush. $2.50.

If sent by mail, 10c. extra per quart.
Plant in drills 12 inches apart and 4 in. between the sets.



Ask for special prices.

Mushroom Spawn

Culture directions sent with the Spawn. Can be grown in cellar, under greenhouse benches, etc.

English Mill Track Spawn. Per brick 15c.; per lb. 10c.; 100 lbs. $8.00.
If sent by mail, add 8c. per lb.

American Pure Culture Spawn. Produced by special process and considered to be the very best by most of the large growers. Per brick 20c.; 100 bricks $15.00. Bricks weigh about 1 1-3 lbs. each.

If sent by mail add 8c. per lb.

MUSTARD

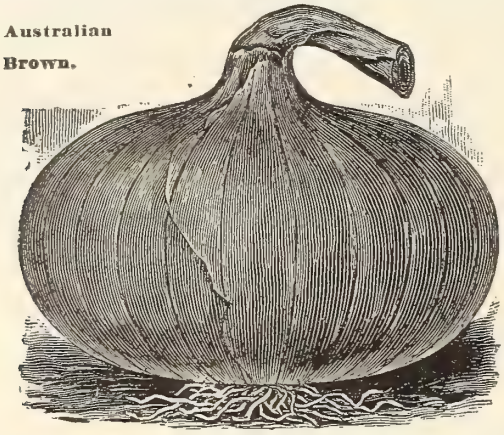
Southern Giant Curled. The true curled-leaf variety, so popular in the South for planting in the fall to furnish an early spring salad. Those who do not care for Mustard as a salad will be delighted with the leaves if cooked like spinach, as the flavor is much superior to that of spinach. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

MANNS' SUPERIOR ONION SEED

AMERICAN GROWN

1 oz. to 100 feet of drill; 4 to 5 lbs. to acre.

The Onion must have a clean and very rich soil. Use well-rotted manure freely, and get the seed in as early as possible in the spring, no matter if it is cold and unpleasant. If Onions do not get a good growth before hot, dry weather, the crop is sure to be a failure. Keep the soil mellow and clear of weeds. Sow in shallow drills, not less than a foot apart nor more than half an inch deep. As Onions grow on top of the ground, they may be allowed to remain pretty thick, no matter if they crowd each other. In hoeing destroy weeds and keep the ground mellow; do not cover the young bulbs with earth. It is useless to try to grow onions on poor, unsuitable soil. Three days of neglect when the weeds are growing rapidly will sometimes ruin a crop, and a week too late in sowing makes the difference between a good and a bad harvest. With proper manuring, Onions can be grown on the same land for a score of years, and it will become cleaner and better every year.



Australian Brown.

Australian Brown. An early and very hardy variety which does especially well in the South. Should be planted early, on low, wet grounds, to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into spring and much longer than other varieties. Pkt. 5c.; ¼ lb. 30.; lb. $1.00.

Australian Yellow Globe. It is a fit companion to the now well-known Australian brown. The bulbs are globe-shaped, with a light brown yellow skin. Solid and heavy. Oz. 15c.; ¼ lb. 35c.; lb. $1.00.

Prizetaker Onion.

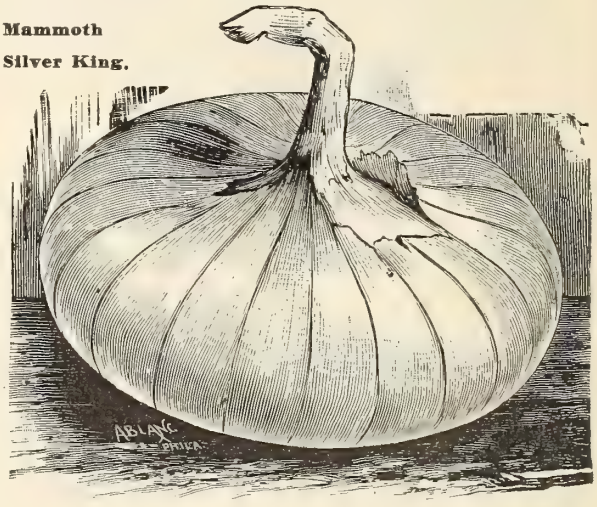
Prizetaker. (American grown).—The seed we offer produces large, well-ripened bulbs the first season from seed; flesh white; crisp and mild in flavor. The skin is thin, of a bright straw-yellow; form nearly a perfect globe. Under ordinary cultivation this variety will yield bulbs nearly three times as large as the Globe Danvers, while under special cultivation specimen bulbs have been raised to weigh from four to five pounds each. These are the large, mild Onions which are sold in small crates in the early fall and are esteemed for their large size, handsome appearance, mild and delicate flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.; lb. $1.00.

Red Wethersfield. Large sized, somewhat flattened; skin deep red and very hardy. Oz. 15c.; ¼ lb. 30c.; lb. 90c.

Yellow Dutch, or Strasburg. The most popular and best variety for set purposes. Is similar to the Yellow Danvers. Flat in shape, color and size, but as a set onion it has the quality of ripening down earlier and more uniformly. Pkt. 5c.; ¼ lb. 25c.; lb. 85c.

Yellow Danvers Flat. A splendid Onion for either market or home use; more flat than the Globe Danvers. Oz. 10c.; ¼ lb. 25c.; lb. 85c.

Yellow Danvers Globe. Our superior stock of this celebrated variety is of fine round shape. It grows to good size, with thin yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. Pkt. 5c.; oz. 15c.; ¼ lb. 25c.; lb. 85c.



Mammoth Silver King.

Mammoth Silver King. The large bulbs are of attractive form, flattened, but quite thick through, with silvery white skin, frequently measuring 20 inches in circumference. It matures quite early, coming just after Onions grown from sets are gone. Must be sown thinly to produce large Onions. Our stock is true American, grown of finest strain. Oz. 15c.; ¼ lb. 40c.; lb. $1.40.

White Silver Skin, or Portugal. This is the most popular variety of all white Onions; is almost exclusively used for growing sets. It is a good keeper. The bulbs grow to good size, ripening early and quite evenly. The flesh is mild and sweet, the thin skin a clear silvery white, of handsome appearance if the bulbs are gathered as soon as ripened, and carefully dried under shelter away from the strong sunlight. When seed is sown at the rate of 20 to 25 pounds per acre it makes bulbs of suitable size and most desirable for pickling. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

White Pearl. Very fine and very early variety. Bulbs when well grown are large, round flattened, with a delicate pure white skin; flesh very mild in flavor. In the South this variety is largely planted for sets. Pkt. 5c.; ¼ lb. 40c.; lb. $1.40.

Our Old Friends all know that better seeds as offered by us cannot be had at any price, new customers run no risk from the fact, that money will be returned if not satisfied.

PARSLEY—Petersillie

1 oz. to 150 feet of drill.

Sow in rows 1 foot apart and one inch apart in the row. The seed is slow to germinate, and should be given the most favorable conditions. A deep, rich, loamy soil is required. For winter use a few plants placed in a box in the cellar will give a supply.

Extra Dark Moss Curled. The large leaves are very heavily crimped and curled, being quite moss-like in appearance and of a peculiarly rich extra dark green coloring. Very productive and most attractive as a garnish, both on account of this green coloring and fine mossy appearance. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Fine Double Curled. Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, being of quite moss-like appearance. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Extra Curled Dwarf, or Emerald. The plants are of dwarf, compact growth, while the leaves are of a handsome bright green coloring, very finely crimped and curled, of a most ornamental appearance. One of the finest for garnishing or flavoring. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Turnip-Rooted, or Hamburg. The edible portion of this variety is the large swollen or fleshy root, which resembles the root of a Parsnip, and is highly esteemed for flavoring soups, stews, etc. As the root is the portion desired, the young plants should be well thinned out. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

PARSNIP—Pastinake

Parsnips are well known as a delicious table vegetable, but their value for the purpose of feeding cattle and stock is but little appreciated. The parsnip is rich in saccharine food, which adds greatly to the richness of the milk when fed to cows, while the fresh, succulent roots increase the flow of milk as greatly as does the use of fresh, green food in the spring. It is especially valuable for the purpose from its extreme hardiness, as the roots can be left in the ground all winter and improve in quality by the continued freezing.

1 oz. to 150 feet of drill.

Sow as early in the spring as the weather will permit, in drills fifteen inches apart and half an inch deep; in rich, well-manured ground, well dug. Cultivate similar to Carrots, and thin out to six inches apart in the rows. To keep well in the ground over winter, draw a little earth over the tops.

Hollow Crown, or Large Sugar. The best variety in cultivation for general use; roots white, smooth, of intermediate length; sugary, of excellent flavor. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

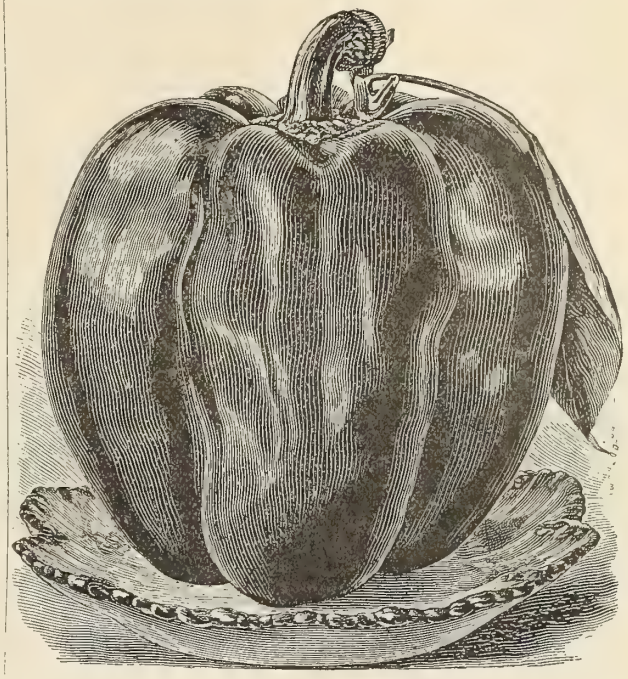
Improved Guernsey. An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

PEPPER PLANTS of the alongside mentioned varieties will be furnished during the proper season. For price see page 41.

PEPPERS—Pfeffer

1 oz. to 1,500 plants.

Should be sown in hot beds early in April and transplanted to open ground as soon as the weather permits. The plants should be set in warm, mellow soil, in drills two feet apart and about two feet in the row, or may be sown in the open ground as soon as the weather permits and all danger of frost is over.



Chinese Giant. Plants are of strong, vigorous growth, eighteen inches to two feet in height and thickly set with immense scarlet fruits. These are five to six inches in length and of equal diameter. In the shorter fruits the breadth is frequently greater than the length. The flesh is quite thick, crisp and of mild, sweet flavor. Can be eaten raw as you would a tomato. The enormous fruits yield but little seed. Pkt. 10c.; oz. 35c.; ¼ lb. $1.00.

New Neapolitan. This is the earliest sweet, large, red pepper of the Ruby King type known. It is very prolific and the fruit averages four inches long and four and a half in circumference. The plants are very strong, growing to a height of two feet, and measure eighteen inches across. The skin is bright red and very fleshy. Pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Long Red Cayenne. Pods small, cone-shaped, exceedingly acrid; used for making pepper sauce. Oz. 20c.; ¼ lb. 50c.

Mammoth Ruby King. Of immense size and the mildest of all varieties. Ordinarily they grow four to six inches long by three-fourths of an inch thick. When ripe they are of a beautiful bright ruby red color. The plant is of a sturdy, bushy habit, and each plant produces from six to twelve handsome fruits. They should not be grown near the hot varieties, or they will partake of their fiery nature. Pkt. 10c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Chili, Small. Red conical pod about two inches long, very hot. Fine for pepper sauce and seasoning. Oz. 20c.; ¼ lb. 50c.; lb. $2.00.

Cherry Red. Fruit small, round, color rich scarlet; very hot. Pkts. 5c. and 10c.; oz. 20c.; ¼ lb. 50c.; lb $1.50.

Bull Nose, or Bell. An early variety, of mild flavor; a favorite for pickling and use in the natural state Pkts. 5c. and 10c.; oz. 20c.; ¼ lb. 50c.

Sweet Mountain. Similar to Bull Nose, but larger and milder in flavor; used to make stuffed "Mango" pickles. Pkts. 5c. and 10c.; oz. 20c.; ¼ lb. 50c.

PEAS—Erbsen

One quart will plant about 100 feet of drill. One and one-half bushels for an acre.

Culture.—The Extra Early varieties are very hardy, and will endure a great amount of cold; should be planted as soon as the ground can be got ready. The larger wrinkled varieties are not nearly as hardy, and the seed is apt to rot instead of germinating if planted before the soil becomes slightly warmer on the advance of spring.

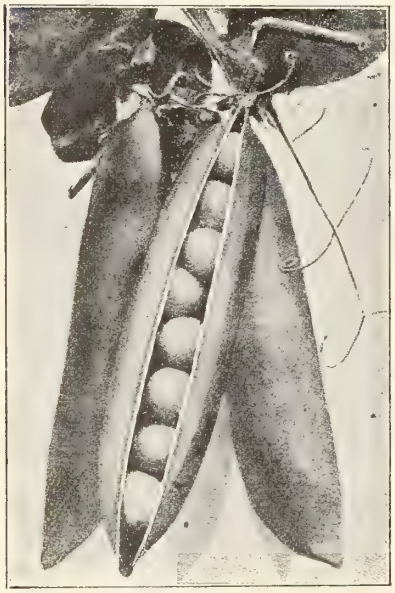
For private use sow in double rows, eighteen inches apart, and three inches apart in the rows. For market, in single rows 1 inch apart and 3 inches deep, and the rows from 2 to 3 feet apart.

Our Seed Peas are of the best quality obtainable, being all grown far North, thoroughly cleaned and carefully hand-picked. They are raised from the finest selected strains, and the growing crops are rogued to remove all runners and improper types of growth.

Pedigree Extra Early.

Pedigree Extra Early. **The best strain of extreme Early and remarkably uniform** Extra Early Peas yet developed. This unequaled strain introduced by us several years ago will produce twenty to thirty per cent. larger crop, and is ready for market with extra Early Alaska. The vines average 24-30 inch. **It has rapidly grown in favor with large** growers until now all want it. 1 pt. 15c.; qt. 25c.; pk. $1.35; bush. $5.00.

Extra Early Alaska. After the most careful expert work of selection and re-selection, with it the past 5 years, we are now in position to offer our customers an improved strain that is really pure, very early, uniform in growth and ripening. Vine is strong and vigorous, 2 to 2½ feet high, of a peculiar light green color, pods 2¼ to 2¾ inches long, straight and blunt at the end, and light in color. Is ready for picking 49 to 50 days from planting. Seed round, blue, slightly pitted. Qt. 20c.; pk. $1.25; bu. $4.50.



Extra Early Alaska.

First Best. This Pea is the result of years of the most careful selection; height two and a-half feet, large pods, very prolific and sure cropper. Qt. 20c.; peck $1.25; bush. $4.50.

Triumph. An early variety, very popular in many sections. About two and a half feet high. Qt. 20c.; peck $1.25; bush. $4.50.

Rural New Yorker. Height two and a half feet, seed white, slightly dented, of vigorous habit, vine sending out two or more lateral branches. Qt. 20c.; peck $1.25; bushel $4.50.

Large Podded Alaska. This new pea in general habit and growth resembles the well-known Alaska. Ripening about three days later, but with much longer and thicker pods. The pods are handsomely shaped, of a beautiful dark green color, which is retained long after other varieties have lost their usefulness. The seed is somewhat wrinkled and dented, indicating high flavor and good quality. We strongly recommend this new pea to gardeners, truckers and shippers as a most productive and salable extra early variety. Qt. 25c.; peck $1.50; bush. $5.50.

(New) Prolific Early Market. This is the largest podded of all Extra Earlies, longer podded and more prolific than Pedigree Extra Early, for which it is a fit companion and close second, as it comes in only four or five days later. The vines average twenty-four to thirty inches high and produce pods singly. One picking will take about three-fourths of the crop, and a second picking, which is to be made about three days later, will take the balance. It is remarkably uniform and very free from spots of any kind. The peas are of the finest quality. Qt. 25c.; pk. $1.40; bush. $5.00.

Bountiful. Resembling the Alaska in general habit of growth. Vine 36 inches, foliage gray green; pods 3½ inches in length, pointed, gray green in color. Fit for table use 55 to 57 days from planting; a prolific bearer, making it a valuable variety. Seed blue, medium pitted. Pt. 15c.; qt. 25c.; pck. $1.50; bush. $5.50.

SECOND EARLY SMOOTH VARIETIES.

Imported Sugar Marrowfat. This fine Pea has given wonderful satisfaction to all who have planted it. It grows about two feet high, bears enormous handsome pods, which are completely filled with large, deliciously flavored deep green peas. It is undoubtedly the most productive Pea offered. Qt. 20c.; pck. $1.40; bush. $5.00.

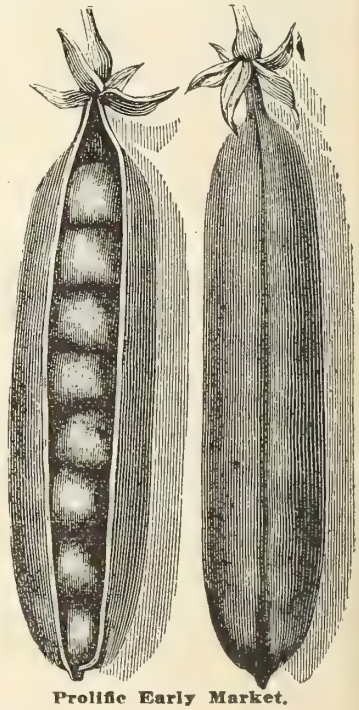
French Canners. It is very prolific, bearing an abundance of long pods, containing from seven to nine peas of excellent flavor. Height three and a half feet. Qt. 15c.; peck $1.10; bushel $4.00.

EDIBLE PODDED PEAS.

There is a class of Peas not generally known in this country, but much used abroad, in which the sweet, brittle and succulent pods have none of the tough inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans.

Mammoth Melting Sugar. This is by far the largest and finest of the true sugar or edible podded Peas. The vines are of strong, vigorous growth, frequently four to five feet in length, and the pods come rather late, or about the same time as the Telephone and Stratagem Peas. The vines are very productive of enormous pods, and continue bearing for a long time. Pods average five to six inches in length and one and a half inches broad, thick and fleshy. Broken and boiled like string beans and served with butter sauce, they have a luscious flavor. Qt. 30c.; peck $2.25.

Dwarf Sugar, Edible Pods. This variety possesses all the fine cooking qualities of the mammoth sugar, nearly two weeks earlier in maturing, average growth 30 inch. Pt. 15c.; qt. 25c.; pck. $1.75.



Prolific Early Market.

Thomas Laxton.

CHOICEST EARLY AND MAIN CROP WRINKLED PEAS.

American Wonder. This is a dwarf variety, and leads all others in point of earliness, growing about 10 inches high, and produces a profusion of good sized, well-filled pods, with finest flavored peas. Quart 25c.; peck $1.60; bushel $6.00.

Premium Gem. This variety is nearly as early as the American Wonder, and the very productive vine is decidedly larger, growing to a height of from 15 to 18 in. The pods are large and crowded with 6 to 8 very large peas of fine quality. Qt. 25c.; pk. $1.60; bush. $6.00.

Nott's Excelsior. One of the best Early Dwarf Peas. It combines the good qualities of the American Wonder and Premium Gem Peas. The vines are larger and more productive than American Wonder and earlier than Premium Gem. The peas in sweetness and quality unsurpassed. Qt. 25c.; pk. $1.60; bush. $6.00.

Potlatch. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. Qt. 25c.; pk. $1.75; bush. $6.50.

Extra Early Gradus. Also called "Prosperity" Pea. This popular new large-podded wrinkled pea of finest quality matures pods only two or three days later than the small-podded, round-seeded extra earlies. Vines grow from 2½ to 3 feet. The peas remain tender and sweet for a long time after they are large enough to use, as the vines continue in bearing for some little time after the first pods are ready. We consider it one of the most desirable for the family garden or home use. Qt. 30c.; pk. $2.00; bush. $7.00.

Thomas Laxton. This variety is of the same growth with that of the Gradus, but is usually three to four days later for market, while the large peas are a deeper, rich green. The pods are square at the end instead of having a long, sloping point, and is considered by some to be of a better flavor than Gradus. Qt. 30c.; pk. $2.00; bush. $7.00.

Champion of England. A universal favorite, delicious flavor, profuse bearer of large pods, filled well with large green wrinkled peas. Height about four feet. Qt. 25c.; pk. $1.50; bush. $5.00.

Daisy, or Dwarf Telephone. This variety is a second early, of robust but remarkably even growth. The vines are from 16 to 18 inches high, needing no brush. The self-supporting, stout plants are fairly loaded with large, bright green pods, which are always well filled. Each pod contains from 7 to 9 large peas of a light bright green color, tender and well flavored. Qt. 30c.; pk. $1.75; bush. 6.50.

Sutton's Excelsior. This handsome, new, early, wrinkled pea is the largest podded of any dwarf variety on our list. It is also the most vigorous in growth of vine, and is unsurpassed in quality. The pods mature very nearly as early as those of Nott's Excelsior, but are broader and with the foliage distinctly lighter green in color. We believe Sutton's Excelsior will soon be recognized as one of the most valuable dwarf sorts yet introduced. Qt. 25c.; pck. $1.75; bush. $6.50.

(New) Quite Content. This is without a doubt the largest podded pea in existence. The pods are of a dark green color, produced in pairs and grow straight, with only a slight curve; averaging six inches long, with nine to eleven peas in the pod. The vines attain a height of five to six feet. Qt. 30c.; peck $2.25.

Sutton's Dwarf Defiance. A new wrinkled marrow of fine quality. Vines stocky, quite dwarf, pods large and well filled. The exceeding productiveness of this variety for a dwarf sort makes it one of the most valuable of all for home gardens. Qt. 25c.; pk. $1.75; bush. $6.50.

Admiral Dewey. The largest podded pea yet introduced. Height 3½ feet; pods a rich dark green color, frequently six inches long, beautifully shaped. Peas large, tender and of first-class flavor. Qt. 25c.; pk. $1.75; bush. $6.50.

Long Island Mammoth. Very popular with market gardeners who want a large, handsome pod of a deep green color. Qt. 25c.; peck $1.75; bushel $6.00.

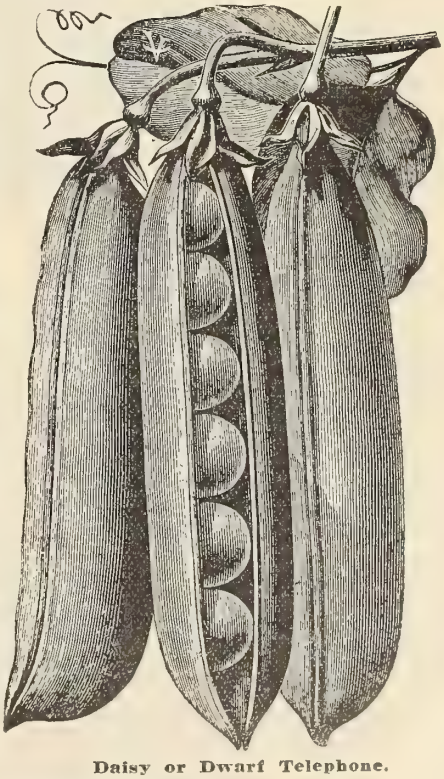
Alderman. This splendid new pea comes from a European specialist in hybridizing. It is similar in growth to the Telephone, maturing about the same time. Qt. 25c.; pk. $1.75; bushel $6.00.

Dwarf Champion Pea. This new pea possesses all the merits of the Champion of England, with less vine (26 inches) larger pods and more of them, and coming a little earlier. Qt. 25c.; pk. $1.75; bush. $6.00.

King Edward VII. Hardy and very prolific. Vine 1½ feet in height, with dark green foliage. Pods dark green, curved and pointed at the ends. Ready for table use 60 days after planting. Seed blue-green, medium sized. Qt. 25c.; pck. $1.75; bush. $6.50.

Telephone. A tall-growing late sort, three and a half to four feet in height, having pods of very large size, containing six to seven large peas of delicious flavor. Continues in bearing for quite a long time. Qt. 25c.; pk. $1.75; bush. $6.00.

Boston Unrivalled. An improved strain of the popular Telephone. Vines grow four to five feet high and are covered with fine, large pods. The pods are 5 inches in length by three-fourths of an inch broad, each containing seven to eight very large peas of finest flavor. We are sure that all who try it will be delighted with both quantity and quality. Qt. 25c.; pk. $1.75; bush. $6.50.



Daisy or Dwarf Telephone.

SEED POTATOES

All our Seed Potatoes are grown in Aroostook County, Maine, by experienced and reliable seed potato growers. They can be depended upon as being strictly first-class. Our prices quoted are very low, quality considered, and subject to market fluctuation. Cash must accompany all orders.

New Early Perfection. Originated in Maine from the seed ball. It is white in color, one of the earliest if not the very earliest, on our list slightly flattened in shape, with blunt seed end; similar to the Early Ohio; shoal-eyed, flesh white, fine grained, excellent table quality and a robust grower; very promising. Pk. 40c.; bush. $1.50; barrel $3.75.

Early Six Weeks. Medium sized, very smooth skinned and shallow eyed, in color light pink and of fine texture. Pk. 40c.; bus. $1.50; barrel $3.50.

Red Bliss, or Bliss Triumph. This variety is rapidly growing in favor. The tubers are round and uniform in shape, eyes slightly depressed and of a beautiful bright red color very hardy and vigorous growing, maturing with extra earlies. Bush. $1.50; bbl. $3.50.

Vermont Gold Coin. A very desirable main crop variety of recent introduction; has proven to be very hardy, of vigorous growth, most productive, of the very best quality. The tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth and glossy, of a light golden tint. Peck 40c.: bus. $1.50; bbl. $3.75.

Green Mountain. White skin, flat, oval form, smooth, of good appearance; fine for the table quality. Ripens slowly and is a good keeper. Valuable for late crops. Now taking the lead in all markets. Bush. $1.25; bbl. $3.00.

White Star. Medium late, of good size and quality, white in color; eyes flush with the skin and a good keeper. Bush. $1.25; bbl. $3.00.

Early Ohio.

Generally accepted throughout the Western States as the standard early Potato. A week earlier than Early Rose. Dull red, round oblong quality dry and mealy, requires rich, moist soil for perfect development. Bush. $1.50; bbl. $3.50.

Crown Jewel.

A very early variety of the finest quality, skin white and smooth with shallow eyes; a very vigorous grower. It is a favorite for home use and market gardeners. Bush. $1.50; bbl. $3.50.

Early Harvest.

Tubers white, of finest quality, oblong in shape, good shipper and may be considered as a second early variety. Particularly valuable for market gardeners by reason of its handsome shape and color. Peck 40c.: bush. $1.50; bbl. $3.50.

Norcross.

Carman No. 3.

It is a good late variety and one of the greatest yielders; large, oblong, slightly flattened. Peck 40c.; bush. $1.25; bbl. $3.00.

Norcross. Its shape is a little oblong and slightly flattened, the skin is finely netted or rusty, which always indicates good cooking and eating quality. The tubers are large and very uniform, maturing medium early. Pk. 50c.; bush. $1.85; bbl. $4.50.

American Giant.

Is one of the heaviest yielders grown, and a favorite with all large growers. It is a long, white, smooth, handsome Potato of good quality, with shoal eyes; maturing with the second earlies and is a late keeper. Pk. 40c.; bush. $1.40; bbl. $3.00.

Irish Cobbler. The biggest Potato and greatest producer known among the first early varieties. It will outyield all other early kinds and equal most of the later varieties. Fine quality, color a pure creamy white, shape round to oblong and smooth. Vines very stocky with dark foliage. Bush. $1.50; bbl. $3.50.

Early Northern. A seedling of the Early Rose, which it much resembles in appearance; earlier than Early Rose and more prolific. Bush. $1.50; bbl. $3.50.

Early Rose. For a generation the standard Potato of the whole country for earlies, yield, thrift, beauty and table qualities, because it always succeeds well in any soil, in any climate and in any latitude. Too well known to need description. Our stock is strictly pure. Pck. 40c.; bus. $1.50; bbl. $3.50.

Ensign Bagley, or White Rose. Round to oblong in shape, and in quality all that can be desired, and not susceptible to disease. Pck. 40c.; bush. $1.50; bbl. $3.50.

Maggie Murphy. This is decidedly a valuable acquisition to the Potato family. The shape is flattened oblong with smooth eyes and of rose color. It is very hardy, productive and bears tubers of large size. Pk. 40c.: bush. $1.50: bbl. $3.50.

Prosperity. This is a very handsome general crop Potato. Its skin is slightly rusty, of a light cream-white color; its shape is an oblong and slightly flattened. The eyes are very shallow. The size is large and desirable, very few under market size. Always smooth and regular in form of splendid quality. Bush. $1.40; bbl. $3.25.

Burbanks. This variety is quite largely used as one of the reliable late Potatoes, is of good size, white skinned, of oblong shape and good yielder. It is a late keeper and also of good flavor. Bush. $1.25; bbl. $3.00.

Puritan. A splendid early variety, fine quality, color a pure white, shape oblong, yielding large crops. Pck. 40c.; bush. $1.50; bbl. $3.50.

SEED SWEET POTATOES

Yellow Jersey. Select "up-river" strain. A select strain of smooth, short "chunky" Yellow Jersey. Yield 25 to 50 per cent. more marketable stock and sells higher than any other. Dry and sweet; decidedly the best of all. Pk. 50c.; bu. $1.50; barrel $3.50.

Prices subject to market fluctuations.

PUMPKINS

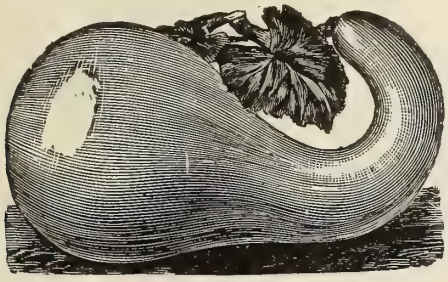
KURBIS

1 oz. to 15 hills; 4 lbs. per acre, in hills 10 by 10 feet apart.

Culture.—Sow in good soil in May, when the ground has become warm, in hills 8 to 10 feet apart each way, or in fields of corn about every fourth hill; always avoid planting near other vines, as they will hybridize.

Sugar Pie Pumpkins.—This is the best of all Pumpkins for pies. The fruit is small to medium in size, flesh solid and fine grained and the seed cavity small, and it is a splendid keeper. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Quaker Pie.—It is oval in shape, and tapers toward each end; of a creamy color, both inside and out. Being fine grained and rich flavored, it makes a superior quality of pies. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

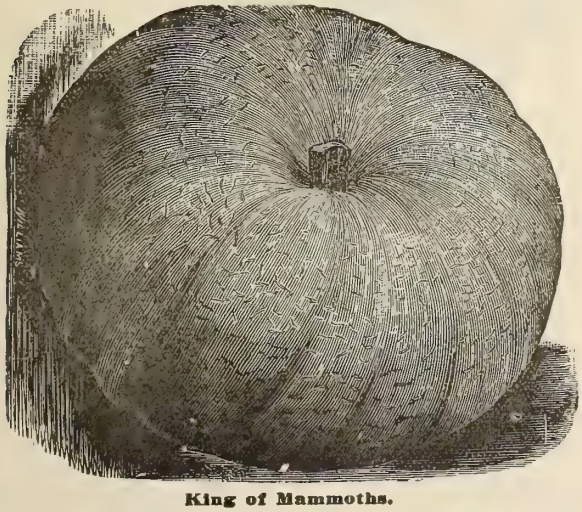


Cushaw.

Cushaw, or Crookneck.—One of the most popular varieties to grow for pies as well as for stock feeding. Fruits two feet in length, with long, solidly meaty neck, most frequently curved in form; seeds are located in the lower bulb-like end. Skin striped with mottled-green bands of creamy white. Flesh rich, creamy yellow, tender and of exceptionally fine flavor. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Sweet Potato.—Excellent for pies, pear-shaped, medium sized, flesh and skin creamy white, fine grained, sweet and delicious; first-class keeper. ¼ lb. 15c.; lb. 50c.

Japanese Pie.—Crookneck variety, with extremely small seed cavity; nearly all solid meat; quality extra fine; seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive, ripens early, medium size, good keeper. ¼ lb. 15c.; lb. 50c.



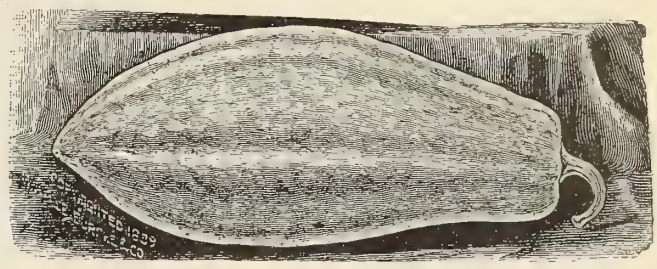
King of Mammoths.

King of Mammoths.—This giant variety grows to enormous size. Deep yellow, glossy color. Splendid to grow for stock and exhibition purposes. ¼ lb. 20c.; lb. 60c.

SQUASH—KURBIS

1 oz. of bush sorts to 40 hills of lgs. seeded 15 hills.
2 lbs. of bush sorts to acre of lgs. seeded 34 to acre.

Squashes, like other vines, are partial to a light, dry, rich soil. Plant the running varieties in hills ten feet apart each way; thin out to three plants in a hill. Cultivate frequently until the vines commence running, after which do not work the soil deep. Use Paris Green to destroy bugs, as with Cucumbers. Plant Bush Squashes in hills five feet apart each way; thin out to four plants in a hill.



Fordhook Squash.

Fordhook Squash.—This is a most desirable running variety for both summer and winter use. The vines are of strong vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw-yellow. If gathered young for cooking, **no other Squash—except the new Burpee's Bush Fordhook—approaches it in flavor,** while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the **quality is unsurpassed.** Per pkt. 5c.; ¼ lb. 25c.; per lb. 75c.

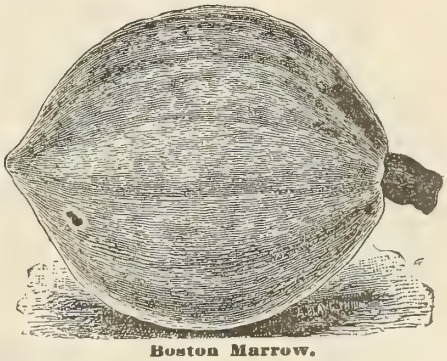
Extra Early Jersey White Bush Scalloped.—This is an improved strain of the Old White Bush. It sets fruit ten days earlier; of a beautiful clear waxy white instead of the greenish white often seen. Very productive and shows less ridge or scallop; containing a larger amount of solid flesh. ¼ lb. 15c.; lb. 40c.

Summer Crookneck.—A beautiful bright yellow, bears all summer, and commands good prices. Very desirable for market and private use. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Hubbard.—Well-known winter variety, with very hard, firm shell, fine grain, sweet and rich flavor, and excellent for table use. A splendid keeper. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Winter Crookneck.—Flesh red, of fine flavor and good keeper. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Boston Marrow. — A fall and winter variety regarded very highly in the markets. Oval form, pointed, thin rind, fine grain, salmon-colored flesh, remarkably sweet and delicious. Keeps well in winter and will boil dry as a mealy potato. ¼ lb. 15c.; lb. 40c.



Boston Marrow.

Bush Fordhook Squash.—In this new true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. Our **Fordhook Squash** is about a week later than the Early White Bush, but is much sweeter and better flavored. An important advantage is that any fruits not needed for summer use can be left to ripen on the plants and gathered for winter use. They are unsurpassed for baking, frying, or making pies; while stored in a dry place they will keep in good condition until the following June. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

RADISH—Rettig

Up to the present season we have furnished our customers French grown Radish Seed only, grown from selected and transplanted roots, but owing to the failure in crops and short deliveries we have been compelled to follow the footsteps of other seed houses in securing some American grown stock, which is obtained from the best known growers in this country.

1 oz. for 100 feet of drill; 9 lbs. to an acre.

For early use sow in the spring as soon as the ground can be worked, in drills, 6 to 10 inches apart, covering the seed half an inch deep; thin plants an inch apart in the row. As the roots are succulent and more tender when grown quickly, a rich, light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession, sow every two weeks.

Extra Early Scarlet Globe (Forcing). This is the market gardener's favorite as a forcing Radish, very early; mild and crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape. Our stock of this is the very best, selected with special care as to size, shape, color and earliness, and market gardeners will find it a money maker, as it is just right in every respect. Pkt. 5c.; ¼ lb. 20c.; lb. 60c.

Extra Early Scarlet Globe (Forcing). American grown. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

Extra Early Deep Scarlet Turnip. Deep scarlet, turnip shaped, small top; desirable for frames or outside. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

Scarlet Globe.

Early Deep Scarlet Turnip.

Early Deep Scarlet Turnip. For outdoor sowing this is the most important in the Baltimore market, thousands of pounds being annually used. Our stock is the very best. It has a rich scarlet color, ball shape, a little larger top and matures a week later than the forcing varieties. Pkt. 5c.; ¼ lb., 15c.; lb., 50c.

Ruby-Pear The illustration on Cover Page gives an idea of the shape of this attractive Radish. The color is a bright scarlet and white. It is extremely quick to mature, being ready for the table in 20 days from the time of sowing the seed. It is invaluable for forcing under glass as well as for growth in the open air. The skin is very smooth and its clear color gives it an appetizing appearance on the table. Its flavor is excellent and its qualities high in all respects. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

Golden Globe.

Golden Globe. Second early, grows to a a good size; stands the heat well; very popular with market gardeners, a beautiful golden yellow, flesh crisp and tender. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Half Long Deep Scarlet, or "Paris Beauty." This is a splendid strain of similar season to the Early Long Scarlet. Very popular. The Radishes are of slightly larger diameter and most brilliant scarlet coloring. Flesh purest white, crisp and juicy. Pkt. 5c.: ¼ lb. 15c.; lb. 40c.

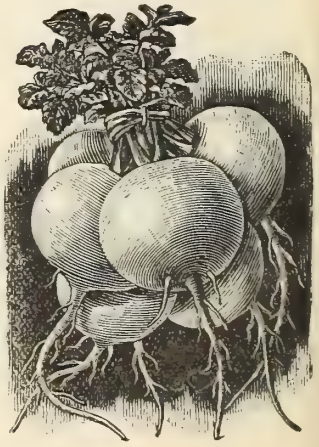
Early Scarlet Turnip, White Tipped. One of the handsomest of the Turnip Radishes for early planting outdoors. Roots slightly flattened on the under side, color very deep scarlet with a white tip; flesh white and of the best quality. ¼ lb. 15c.: lb. 40c.

Crimson Giant A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson-carmine; turnip-shaped; flesh firm, crisp and tender. We recommend it for outdoor garden planting as well as for greenhouse forcing. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 50c.

(New) Round Scarlet China, an All-Season's Red Radish. This new variety of the China Radish may be sown at intervals from spring until autumn. Matures in from six to seven weeks and is much hardier than most other varieties. Valuable as a winter Radish, as well as for summer. Its handsome round shape, rich scarlet color and pure white flesh commend it to all. Pkt. 5c.: ¼ lb. 15c.: lb. 40c.

French Breakfast. Color is a scarlet rose, shading to a waxy white at the top; quick growth, mild and tender, good for forcing. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Felton's Model White Box (Forcing). It is of most handsome shape, very early and has but few leaves, thus making it of special value for growing in hotbeds or "boxes," and one-third more Radishes can be grown in the same space than with most other sorts. It is of clear white color, solid, juicy and unsurpassed in flavor. Pkt. 5c.; ¼ lb. 15c.: lb. 50c.



RADISH—Continued

New White Icicle Radish.

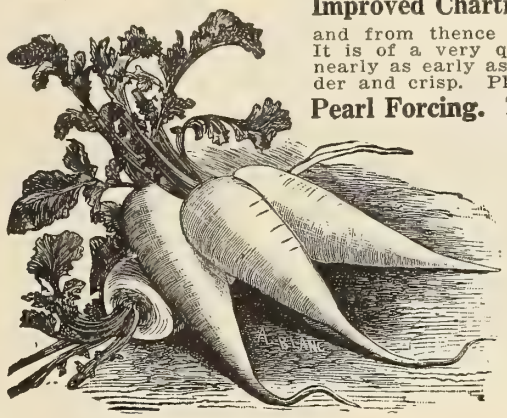
Long Scarlet. This is the standard extra early long scarlet market variety, short top, long scarlet roots; crisp, fine flavor. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Long Scarlet. (American Grown). ¼ lb. 10c.; lb. 35c.; 10 lbs. $3.00.

White Icicle Radish. It fully equals in crisp, tender flesh and mild flavor the popular White Vienna or Lady Finger, while it is as early as Long Scarlet Short Top. Planted in spring the young Radishes are ready for use in 20 to 25 days from sowing the seed, and their long slender form and pure paper-white skin are most attractive when bunched for market. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Cincinnati Market. ("Glass Radish.") A selected strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

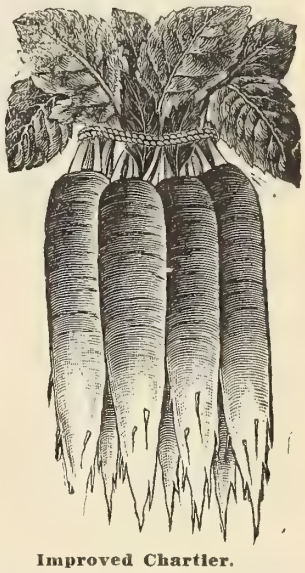
Long Bright Scarlet, White Tipped. This is the brightest and handsomest colored scarlet Radish known. Pkt. 5c.; ¼ lb. 10c.; lb. 35c.



New White Strasburg.

Improved Chartier. The color at top is crimson, running into pink at middle, and from thence downward is pure waxy white. It is of a very quick growth, and ready for use nearly as early as Long Scarlet. Exceedingly tender and crisp. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

Pearl Forcing. This variety is a cross between Wood's Early Frame and White Strasburg. The color is a pearl white, with a fine waxy appearance, very firm and solid. They will remain in good condition longer than any other extra early variety. Oz. 5c.; ¼ lb. 15c.; lb. 40c.



Improved Chartier.

Long White Vienna, or Lady Finger. This is the finest Long White Radish in cultivation; it is most beautiful in shape, white in color, both skin and flesh are pure snow-white, crisp, brittle, and of rapid growth. Highly recommended. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

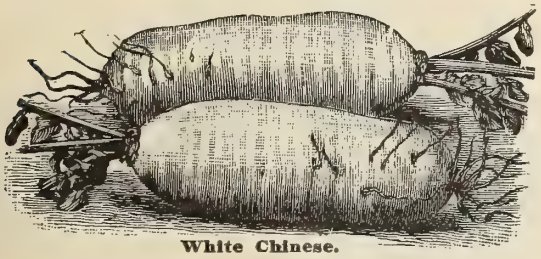
New White Strasburg. A very desirable summer variety, a favorite by our market gardeners; skin and flesh both white. It is excellent quality and a quick grower. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Perpetual White Summer. This variety, introduced by us, has given splendid satisfaction to all who have tried it. They are pure white, of uniform good quality, crisp and brittle, and they keep longer in a fit condition for the table than any variety we know of, hence their name, Perpetual White Summer. Can be sown any time of the year and will always produce good Radishes fit for market earlier than the Chartier, and keep in perfect shape for marketing about four weeks, or longer for home use. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Large White Summer. Round, smooth, very white, crisp and tender. The market gardeners' favorite for summer use. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

White Stuttgart. Quick growing, and therefore very early. Of the largest size, and both flesh and skin are pure white; quality fine, firm and brittle, can be pulled for use at any stage. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

WINTER VARIETIES.



White Chinese.

White Chinese New Celestial. Large, stump-rooted Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition, mild in flavor, brittle, and never woody. Market gardeners will find this a special seller. Pkt. 5c.; ¼ lb. 15c.; lb. 50c.

White Round Spanish. Root large, often five inches in diameter, turnip-shaped, skin pure white, flesh white, crisp and not becoming pithy, very compact and highly flavored; an excellent sort for winter, as the roots keep a long time. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Improved Half-Long, Black Spanish Radish. This new sort is intermediate in shape between the Old Round and Long Black Spanish, and much superior to either. Flesh mild, very sweet and crisp, never pithy, and is decidedly the best of all black Radishes. If stored in damp sand in the cellar they will keep all winter. ¼ lb. 15c.; lb. 50c.

Round Black Spanish. Like the Long White Spanish, except in shape. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Chinese Rose. A splendid rose-red variety that keeps during winter; tempting flavor and very crisp. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Long White Spanish. This variety is of a snow-white color, similar to the White Strasburg in shape, but rather more stump-rooted. Pkt. 5c.; ¼ lb. 15c.; lb. 40c.

Long Black Spanish. Black skin, white flesh, very firm and solid, good keeper, grows long and large. ¼ lb. 15c.; lb. 40c.

Round Black Spanish.

California Mammoth. First introduced into this country by the Chinese in California. It is pure white, about one foot long, and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. Pkt. 5c.; ¼ lb. 15c.; lb. 35c.

SPINACH—Spinat

1 oz. to 100 feet of drill; 12 to 15 lbs. for an acre.

Spinach is very hardy, extremely wholesome and palatable, and makes a delicious dish of greens, retaining its bright green color after cooking.

For late spring and early summer use sow as soon as the ground can be worked in drills 1 foot apart and one inch deep. For a succession, plant every two weeks. For winter and early spring use sow in September, broadcast. Select rich soil and top dress with nitrate of soda.

Victoria.

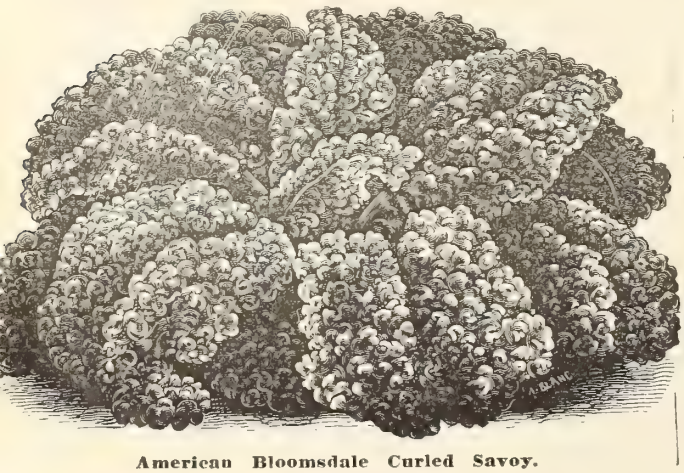
Victoria. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality. It remains in prime condition from two weeks to three weeks after all other varieties of spinach have run to seed. Lb. 12c.

New Triumph. It possesses all the good qualities of the Victoria, of nearly double its size, which surely is appreciated by every market gardener and trucker. Pkt. 5c.: lb. 15c.

Improved Curled Late Seeding. The best for spring sowing, because it will stand longer than any other variety before running to seed. Has large, thick, fleshy leaves, produced in great abundance. Pkt. 5c.: lb. 15c.

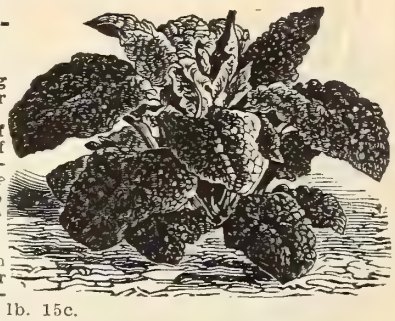
American Bloomsdale Curled Savoy. The most popular sort with market gardeners and truckers for fall sowing; grows very large and the leaves are wrinkled like Savoy Cabbage. Pkt. 5c.: lb. 10c.

Bloomsdale Curled Savoy Imported. Owing to natural advantages and climatic conditions we grow many thousands of pounds of this well-known variety in Europe each season. This is the hardiest large Savoy leaved curled and crimped, with thick, fleshy leaves, and by many large growers preferred for fall sowing. ¼ lb. 5c.; lb. 10c.: per 100 lbs. $9.00.



American Bloomsdale Curled Savoy.

SPINACH—Continued



(New) Giant Market, or Mammoth Evergreen. Among the later introductions we consider this the peer of all. The plant is of very large and vigorous growth, of the Bloomsdale Savoy type, remarkably fine texture, of deepest green, very hardy and slow to run to seed. Every trucker should give it a liberal trial. Pkt. 5c.: lb. 15c.

SALSIFY, or Oyster Plant

1 oz. for 50 feet of drill.

Requires a well enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow early in the spring in drills 15 inches apart; cover the seed with fine soil one and a-half inches in depth, and when the plants are strong enough thin out to six inches apart. As the leaves resemble grass, be careful they are not mistaken for it whilst weeding.

Large White. The standard variety, with white roots 1 inch in diameter at shoulder and tapering to a length of 8 to 10 inches. Pkt. 5c.; 1 oz. 10c.; ¼ lb. 20c.; lb. 75c.

Mammoth Sandwich Island. A new and improved type, producing roots of nearly double the size and weight of the old varieties; mild and delicately flavored. Pkt. 5c.; ¼ lb. 30c.; lb. $1.00.

HERBS—Gewurz

	Packet.	Ounce.	¼ lb.
Anise	5c.	15c.	40c.
Basil	5c.	20c.	50c.
Summer Savory	5c.	15c.	40c.
Bene	5c.	20c.	60c.
Coriander	5c.	10c.	20c.
Dill, extra large	5c.	10c.	20c.
Lavender	5c.	15c.	50c.
Marjoram, sweet	5c.	20c.	50c.
Sage	5c.	15c.	40c.
Thyme	10c.	25c.	75c.

SORREL—Sauerrampher

A hardy plant grown for its leaves, which are used as boiling "greens" or salad. Seed should be sown thinly in drill early in spring. When well started thin out to stand four to six inches apart in the row. The leaves can be gathered for use at any time after the plants are well started in growth, and the roots will continue to produce a further supply. The plant is entirely hardy, and, starting into growth early the following spring, will afford a large supply of fine "greens" quite early in the spring.

Large-Leaved French. Pkt. 5c.; ¼ lb. 25c.; lb. 75c.

RHUBARB, or Pie Plant

Sow in April or May, in drills one foot apart; when three or four inches high thin out in rows six to ten inches apart. Transplant the ensuing fall or spring in rich soil Set out the roots three to four feet apart each way; the following spring it will be fit to use.

Linnaeus. Pkt. 5c.; oz. 20c.; ¼ lb. 40c.

Victoria. Very large, the finest cooking variety. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.75.

SUPERIOR TOMATO SEED

All our Tomato Seeds are grown from stocks, exclusively for seed purposes, by the originators and experienced growers and experts. We are fully convinced of the merit of any new variety before placing them in our Catalogue, and therefore recommend at least a trial to our customers and friends.

For early, the seed should be sown in hotbed during February or the first week in March, in drills five inches apart and half an inch deep. Later sowing may be made until the last of April. When the plants are three or four inches high they should be set out four or five inches apart, in another hotbed or cold frame, or removed into small pots, allowing a single plant to the pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings should be very shallow or the crop may be badly injured, especially if the cultivator is run too near the plants. 1 oz. to 2,000 plants; ¼ lb to an acre.

EXTRA EARLY VARIETIES.

Electric. Being constantly on the alert to obtain new varieties of real merit, we have secured from the originator in Denmark a small supply of this very valuable Tomato. The originator claims it to be the very earliest and best variety in cultivation, a robust grower, heavy cropper, producing bunches of 10 to 14 fruits, always smooth, of fair size. Pkt. 10c.; oz. 60c.

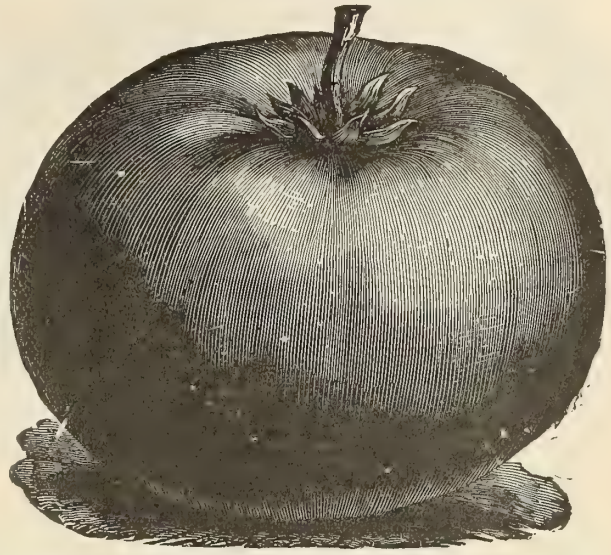
Sparks' Earliana. This is an extremely early variety of Tomato, and produces large clusters of fair size fruits, which are very uniform in size and shape. It is hardy and can be set out early. Color of flesh deep red, very solid and fine flavor. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

King of the Earlies. A very productive and quite early variety, very similar to Sparks' Earliana; the vines are somewhat heavier and leaves more plentiful, which furnish great protection for the fruit, and for this reason it has become a favorite with many growers. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.50.

IXL Extra Early. For description see King of the Earlies. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.50.

Bonny Best. This new sort has already become a favorite among large growers for early market. It is earlier than Chalk's Early Jewel and within two or three days as early as Earliana. Very prolific, with liberal foliage to protect the fruit from the hot sun. The beautiful scarlet-red fruit is set in clusters of 5 or more. Its great characteristic is that it ripens each setting of fruit nearly all at once, and ripens evenly all over up to the stem. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.50.

Bonny Best.



Chalk's Early Jewel. Ripens 10 days later than Sparks' Earliana, but more desirable for home use, as fruits are thicker through and more solid, comparing favorably with the later maturing sorts. Color bright scarlet and quality very best. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.50.

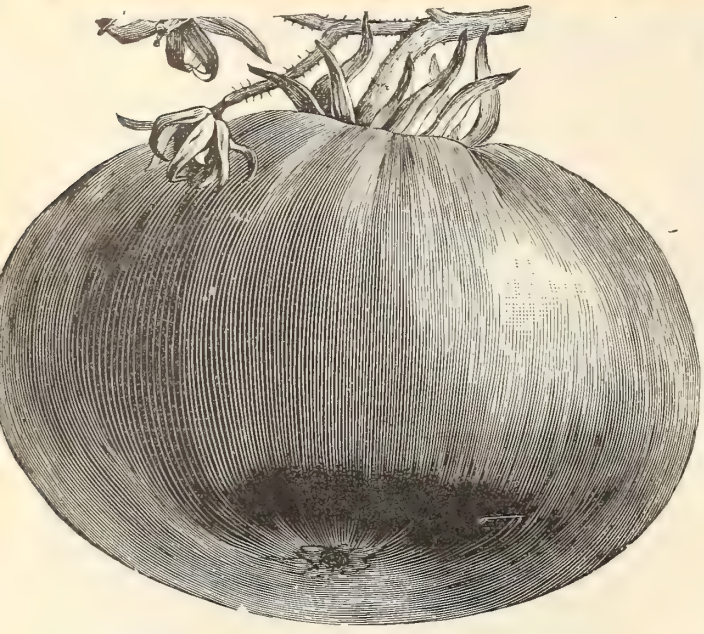
Livingston's New Dwarf Purple Globe. One of the main varieties grown by the leading Tomato growers in Florida. It is of beautiful globe shape, very deep through from blossom end to stem, which permits of a greater number of slices being taken than with the flat fruited sorts. Among the very first to ripen, although of large size; very smooth, firm fleshed, few seeds, ripens evenly; color a beautiful glossy rose-tinged purple. A good cropper and one of the best for greenhouse or first crop on stake or trellis. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.; lb. $2.50.

Livingston's Hummer. A new Tomato of bright scarlet red color, medium size. Not as large as Stone, round as a ball. Very attractive, firm and solid and of fine quality. A healthy, vigorous grower of medium size vine; very prolific, producing clusters of medium size, bright scarlet fruit. Quite early to ripen. Is especially desirable for home gardens or canning the whole fruit. Pkt. 5c.; ¼ lb. 75c.; lb. $2.50.

New Coreless Tomato. A perfect globe shaped medium to large size Tomato of recent introduction. This new shape is preferred by many growers; it is almost round, being about the same diameter each way. There is little or no depression at the stem end, making it very economical for all uses. It is most productive, clusters of six or more fruits being produced at close intervals all along the vines. Fine for slicing, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh, which is slightly more acid than in some other varieties. In color it is a rich bright red. On account of its superior solidity it is a good long distance shipper. The vine is a strong and most luxuriant grower. A main crop Tomato for canners, home or market gardeners. Pkt. 5c.; ¼ lb. 75c.; lb. $2.50.

Livingston's Beauty. A decided favorite for home market or shipping, being early, hardy, a strong grower, productive, large, always smooth, of perfect shape and excellent quality. Color a very glossy crimson with a tinge of purple. Grows in clusters of 4 to 6 large fruits, retaining its large size until late in the season. Ripens early and is entirely free from ribbed or elongated fruit. Pkt. 5c.; ¼ lb. 40c.; lb. $1.50.

Livingston's Early Perfection. An improved Acme with a red skin, produces large fruit until the close of the season. Invariably smooth and of handsome blood-red color. Some canners prefer it to all others, especially those who can the Tomatoes whole. It usually ripens 10 days ahead of Stone. Pkt. 10c.; ½ oz. 15c.; ¼ lb. 40c.; lb. $1.25.



Greater Baltimore. Large, smooth, solid, bright scarlet; second early Tomato; a prolific bearer and fine shipper. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Favorite, or Oween. Large size, ripens evenly and early, very prolific, red color; flesh solid and good flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

New Stone. This variety has attained great favor with canners and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape perfectly smooth, and thicker from stem to blossom end than most varieties, making it most handsome and salable. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.50.

B. B. Tomato. For description see New Stone. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.50.

Livingston's Paragon. Color of skin deep red. Flesh solid and highly flavored. It is larger than several of the standard varieties, and grows large fruit up till frost. Oz. 15c.; ¼ lb. 40c.; lb. $1.50.

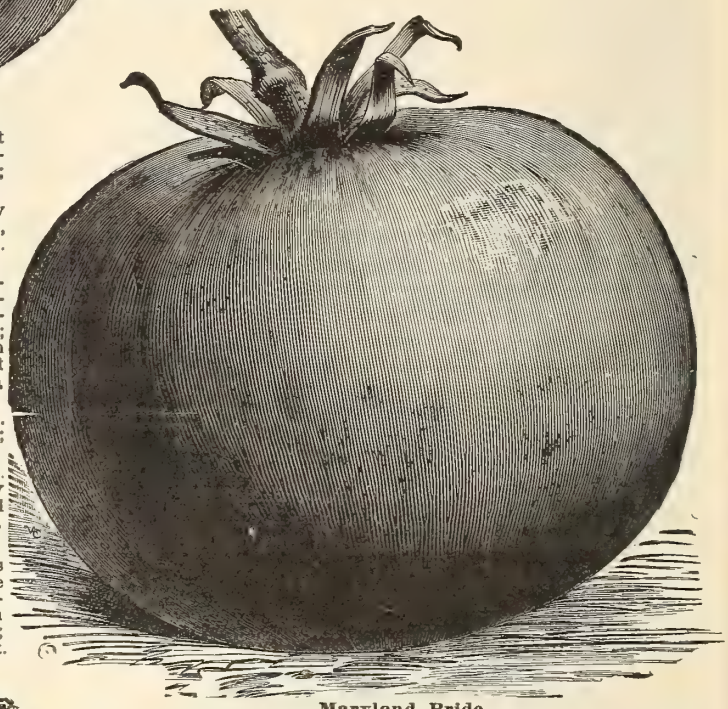
Success. The vines are of strong, vigorous growth, with abundant foliage. The fruits, set in clusters, average three inches in diameter and two to two and a half inches through from stem to blossom end. Color brightest scarlet; perfectly smooth; very meaty; of fine flavor. Pkt. 5c.; ¼ lb. 40c.; lb. $1.50.

Kelly's Red. The plants grow vigorously and are very productive. The fruit is very large, slightly flattened, bright scarlet, smooth, ripening evenly to the stem without a crack, twenty tons having been grown to the acre. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Matchless. The vines are of strong, vigorous growth, well set with fruit, the foliage is very rich, dark green color. They are entirely free from core, of a very rich cardinal red color, and are not liable to crack from wet weather The fruits are of the largest size, and this is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. Oz. 15c.; ¼ lb. 50c.; lb. $1.50.

Maryland Pride. Since our introduction of it in 1905, it has been grown with great success by canners and market gardeners, who pronounce it "the very best second early and main crop Tomato they have ever grown." The fruit is of a beautiful bright red color, magnificent size and handsome, smooth shape. The vines grow vigorous, and produce abundantly until killed by frost. Pkt. 5c.; oz. 80c.; ¼ lb. 60c.; lb. $2.00.

Enormous. So named on account of the large size of Tomatoes, which are very solid and smooth. Quality good. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. $2.50.



Maryland Pride.

Ponderosa. The largest purple fruited Tomato in cultivation; very solid and of finest quality. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

Buckeye State, or Duke of York. One of the largest; fruits in immense clusters; solid and meaty. Color similar to Beauty, but darker and richer. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.; lb. $2.00.

Red Rock. By close comparison of this new Tomato we find several strong points in their favor; extreme hardiness, size of fruit and productiveness. Compared with Livingston's New Stone, they yield one-third more Tomatoes of a deeper red; in beauty of coloring and symmetry of form it is indeed without a peer. The vines are of strong, vigorous growth, with very rich, dark green foliage. The rich cardinal red fruit has very tough skin and is not liable to crack from wet weather. Oz. 20c.; ¼ lb. 60c.; lb. $2.00.

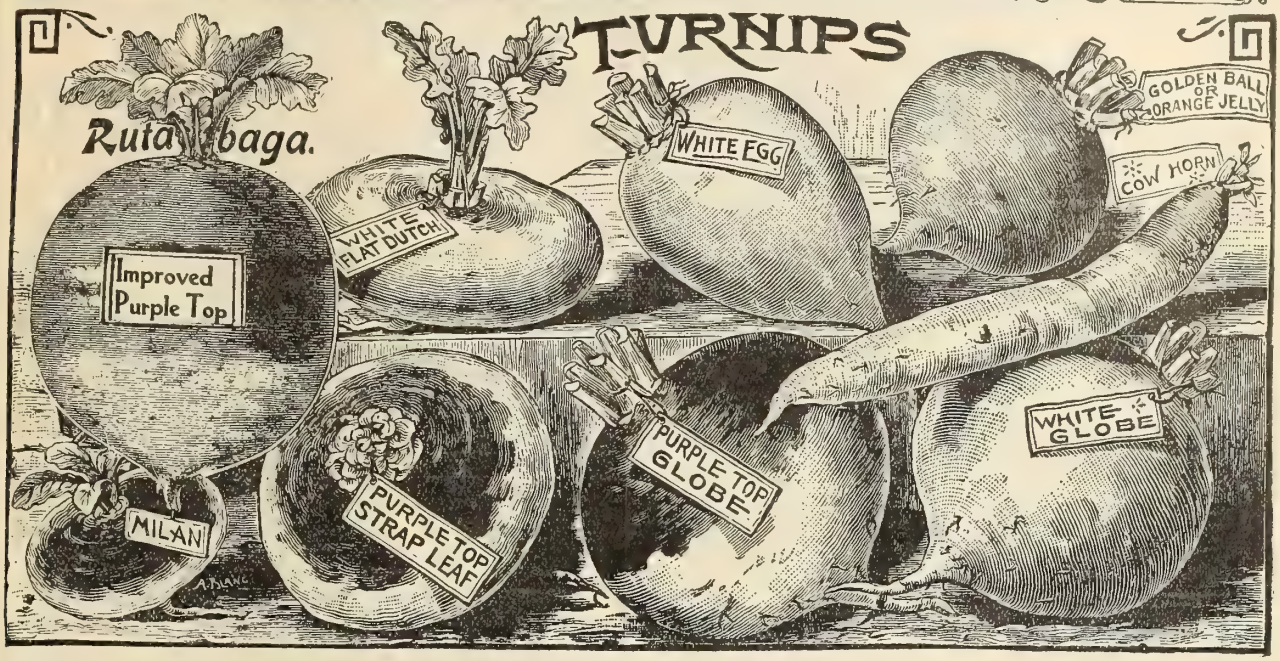
PRESERVING TOMATOES

The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden:

Pear-Shaped Red. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.

Pear-Shaped Yellow. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.

Yellow Plum. Pkt. 5c.; oz. 20c.; ¼ lb. 75c.



1 lb. to the acre; 1 oz. to 150 feet of drill.

For Spring crop sow early in April. For the Fall and main crop, from the middle of July to the last of August, in drills fourteen inches apart and thin to six inches. Always sow just before a rain if possible.

Extra Early Purple-Top Milan.—A white variety, purple-top and strap leaf. This, with the White Milan, is the earliest of all turnips. Remains in good condition a long time. Oz. 5c.; ¼ lb. 15c.; lb. 40c.

Extra Early White Milan.—Similar to above except it is pure ivory white in color, and about one week earlier. Oz. 5c.; ¼ lb. 15c.; lb. 40c.

Early White Egg.—Egg-shaped early variety; flesh white, firm, fine grained, mild and sweet. ¼ lb. 10c.; lb. 25c.

White Early Flat Dutch.—A standard variety, good size, pure white; small top, few leaves and very sweet. ¼ lb. 10c.; lb. 30c.

Purple Top Strap Leaf.—The well-known popular variety, either for family or market use; large size, white, purple above ground, flesh fine grained. ¼ lb. 10c.; lb. 30c.

Yellow Globe Orange Jelly.—One of the best for general crop; flesh firm and sweet; grows to a large size; splendid for table or stock, and keeps well until late in spring. ¼ lb. 10c.; lb. 30c.

Purple Top White Globe.—A variety of decided merit. Globular shaped, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. ¼ lb. 10c.; lb. 30c.

Cowhorn.—Very heavy cropper, a quick grower, best for stockmen. ¼ lb. 10c.; lb. 25c.

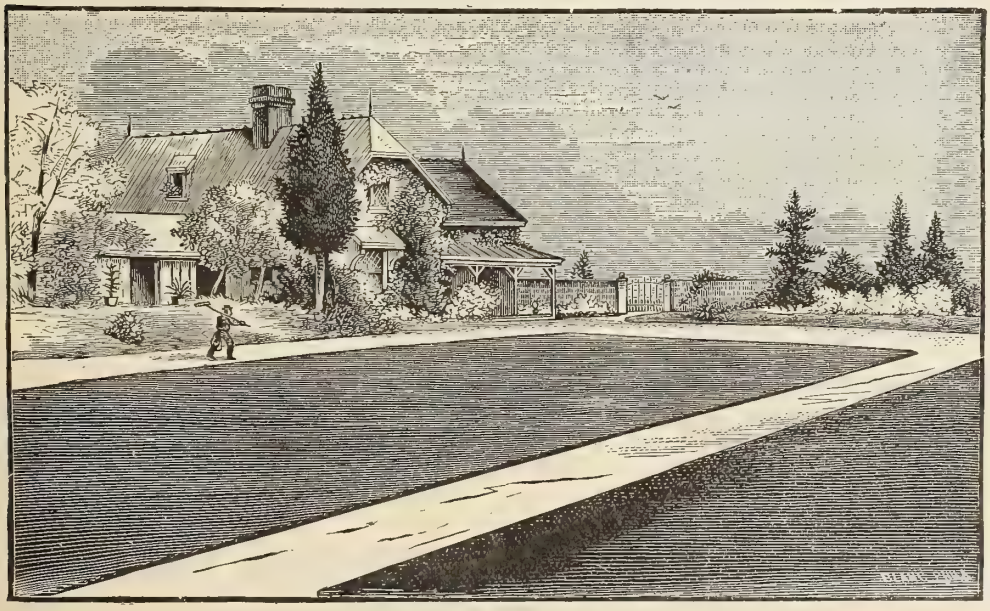
Seven Top.—This variety is principally planted in the South for the green tops, which are produced very abundantly. ¼ lb. 10c.; lb. 30c.

RUTABAGAS, or Swedes

Improved American Purple Top Rutabaga.—A superb strain—very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. ¼ lb. 10c.; lb. 30c.

40 lbs. to the acre; 1 lb to 250 square feet.

EVERGREEN LAWN GRASS



The essentials for a fine lawn are:

First. A rich, well drained soil.

Second. Ground carefully worked.

Third. A wise selection of seed.

Fourth. Sowing at such a time as to give the young plants a chance to become well established before being subjected to very dry or very cold weather.

Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in spring, others in summer, others again in the autumn, and a combination of the proper sorts is required for a perfect carpet-like lawn.

We have given much thought and made many experiments to secure the best selection, and think our Evergreen mixture the best possible for permanent lawns. It may be planted early in the spring or fall. Lb. 20c.

MISCELLANEOUS FARM SEEDS.

We pay particular attention to this department of our business. The seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish Clover, Grass and Field Seeds, fresh, pure and free from noxious and foreign seeds. Prices are changing almost daily, and it is impossible to quote prices. Parties wishing to buy will do well to get samples and prices before placing their orders. We are in position to handle it on a close margin and supply the finest grades at lowest market prices, which will be given for the asking of it.

Clover.

Clover.

Medium, or Common Red (*Trifolium pratense*).—The Clover Seed of Commerce, and the most important and valuable of the Clover family for agricultural purposes. Sow 15 lbs. per acre. (Bush. 60 lbs.) Lb. 16c., subject to market fluctuation.

Alsyke, or Hybrid (Swedish) (*Trifolium hybridum*).—Hardiest of all Clovers; perennial. On rich, moist soils it yields large quantities of hay or pasturage, as it forms a thick bottom; has fibrous roots like White Clover. Esteemed highly by bee keepers. Lb. 18c.

Mammoth Clover (*Trifolium pratense perenne*)—Valuable with other grasses for mixed hay; ripens about with Timothy. Being a rank grower, it is largely used for plowing under as a fertilizer. Lb. 16c.

White Dutch (*Trifolium repense*)..—Grows naturally in pastures in a great variety of soils and situations; indispensable in parks and lawns. Lb. 35c.

Crimson Clover (*Trifolium incarnatum*).—Being an annual, it must be sown in July, August and September of each year, which, the spring following, can be cut for soiling by April 20th; for ensilage, May 1st to 15th; for seed, about first week of June. Can be grown in corn, or any cultivated crop. Ten to fifteen pounds necessary to seed an acre. Cover with a light harrow. (60 lbs.) Lb. 7c.

Alfalfa, or Lucerne (*Madicago sativa*).—This Clover claims to bear the palm as a forage plant, coming earliest in spring and remaining latest in fall. It delights in plenty of sun, being a veritable child of the sun; must be sown at the rate of from 10 to 25 pounds of seed per acre on well drained, well pulverized deep soil after danger of freezing is over, and prefers sand or gravel sub-soil. Wet sub-soil is fatal to the plant. Roots 3 to 4 feet deep, and when well established lasts for years. 2 to 3 crops a year can be cut. Not recommended for pasture. Lb. 14c.

Bokhara (*Melilotus alba*)—This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. It frequently grows 5 to 6 feet in height and branches freely, with slender spikes of small, fragrant, white flowers, which afford an excellent food for bees. Lb. 20c.

Japan Clover.—This makes most nutritious and desirable summer pasture. Grows well and spreads rapidly on poor lands, hillside and under the shade of trees. Lb. 25c.; bushel of 25 lbs. $5.00.

Grass Seeds.

Kentucky Blue Grass.—June Grass— (*Poa pratensis*). Universally known; desirable for pastures and lawns. Sow in fall or spring at rate of 2 or 3 bushels per acre. Fancy clean seed. (Bush. 14 lbs.) Bush. $1.75.

Red Top Grass (*Agrotis vulvaris*).—Thrives well in any soil, but best on low land; produces a firm sod. Sow 1 to 2 bushels per acre. lb. 30c.; 10 lbs. $2.80.

Timothy (*Phteum pratensis*).—Well known variety. When ready to buy write for latest prices, whether a bag or a carload. (Bush. 45 lbs.) Prime seed. Choice seed. Bush. $2.75.

Orchard Grass.

Orchard Grass (*Dacytylus glomerata.*) — Extremely hardy and widely known. One of the earliest to start in spring; grows rapidly; furnishes an abundance of pasture the entire season. 1½ to 2 bushels per acre. (Bush., 14 lbs.) Bush. $1.85.

Rhode Island Bent Grass (*Agrostis canina*). —Valuable for lawns. Sow 3 to 4 bushels per acre for lawn. 1½ to 3 bushels for pasture. (Bush., 12 lbs.) Bush. $3.50.

Tall Meadow Oat Grass (*Avena elatoir*) .—Used for soiling. Succeeds well in sandy lands, and owing to its long, fibrous roots, stands cold and drought well. Sow 3 bush. per acre (Bush., 10 lbs.) Lb. 18c.

Sweet Vernal (*Anthoxanthum odoratum*). —Very fragrant, especially when bruised or cut. Mixed with other grasses for pasture it is quite valuable, as it starts early in the spring and grows until late in the fall. (Bush., 10 lbs.) Lb., 20c.

Creeping Bent Grass (*Agrostis stoloniferea*).—Excellent for pasture when mixed with other grasses; succeeds well in most situations and thrives in moist land. Sow 40 pounds per acre. (Bush., 14 lbs.) Lb. 35c.

Wood Meadow Grass (*Poe nemoralis*).—Recommended especially for low, wet pasture, or for lawns in damp, wet situations. It starts early in the spring and produces a beautiful green turf, which lasts a long time. Lb. 35c.; bushel of 14 lbs. $3.50.

DROUGHT-RESISTING GRASSES.

Perennial Rye Grass (*Lolium perenne*).—Very nutritious; valuable for meadows or permanent pastures; rapid grower; most prominent grass in England. Sow 1 to 1½ bushels per acre. (Bush., 24 lbs.) Lb. 8c.

Meadow Fescue (*Festuca pratensis*)—Thrives in all soil; excellent for permanent pastures; starts early; very productive. Sow 1 to 1½ bushels per acre. (Bush., 24 lbs.) Lb., 15c.

Sheep's Fescue (*Festuca ovina*)—Grows naturally on light, dry, sandy soils and mountain pastures; considered quite valuable mixed with other grasses for permanent early spring pasture. (About 12 lbs.) Lb. 20c.

Hard Fescue (*Festuca duriuscula*).—Not very productive, but it is of a very fine quality, and thrives well in dry situations where many other grasses would fail, thus making a desirable pasture variety. (Bush., about 12 lbs.) Lb. 20c.; 100 lbs. $18.00.

Millet.

German, or Golden Millet.—True Southern grown German Millet Seed is far superior to Western grown seed. Peck 60c.; bush. $2.00.

Hungarian Grass.

A very valuable forage plant of the Millet family, but not so coarse. Peck 40c.; bush. $1.75.

Kaffir Corn.

Kaffir Corn

One of the best forage plants. The heads contain small white seeds, which make an excellent flour. The heads are greedily eaten by horses and cattle and make splendid food for poultry, fed either in the grain or ground and cooked. The foliage and stalks make excellent forage. Cultivate the same as common corn, requiring four or five pounds of seed per acre. Bush. $1.25.

Dwarf Essex Rape

This plant is extensively grown for forage, especially for sheep, and for green manure, for which purpose there is perhaps no better plant adapted where a quick, rank growth is desired. Prepare the ground as for turnips and sow in June or July with a turnip drill, in rows two and a half feet apart at the rate of two and a half pounds of seed per acre. Our stock is the true Essex Dwarf, and not the worthless annual. 100 lbs. $8.00.

Sorghum, or Cane

Sorghum, or Cane.

Early Amber Sorghum.—Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. The saccharine matter is of the first quality, and it also produces a fine sugar or syrup. It grows ten or twelve feet high. Sow at the rate of one peck per acre in drills three and a half to four feet apart. Peck 35c.; bush. $1.75.

Early Orange Sorghum.—This variety is a favorite wherever used; it is similar in growth to Early Amber, but under fair conditions produces a heavier crop. It is better for stock feeding than the Amber. Per bushel $1.75.

Buckwheat

Japanese.—This variety yields very largely. The kernels are larger than other sorts, but owing to its branching qualities it need not be sown so thickly. Peck 40c.; bushel about $1.25.

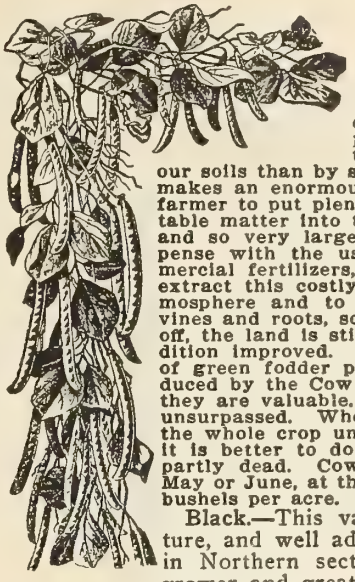
Silver Hull.—A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseded. Peck 35c.; bushel about $1.25. Current prices quoted on application.

White Spring Oats

Our best recleaned stock of these are Choice Northern grown, all heavy oats, which have been recleaned by us. Bushel 75c.

Rust-Proof Oats

A favorite spring variety in the South, particularly where the land is rich; produces enormous yield, and excellent for cutting for hay. Bushel 75c.



Southern Cow Peas

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It makes an enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous commercial fertilizers, and has the power to extract this costly nitrogen from the atmosphere and to store the same in the vines and roots, so that if the crop is cut off, the land is still enriched and its condition improved. From five to nine tons of green fodder per acre have been produced by the Cow Pea. To grow for hay they are valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under, as a soil improver, it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of one and a-half bushels per acre.

Black.—This variety is quick to mature, and well adapted for late planting in Northern sections; it is a vigorous grower and great yielder. Bushel $2.50. Price fluctuates.

Black Eye.—A prolific vine-growing variety of merit, seed often sold for table use. Peck 50c.; bush. $2.50.

Whipporwill.—A favorite early bunch-growing variety; has brown-speckled seeds which are more easily gathered than from the vine-growing sorts. This variety is a prime favorite in the North and West on account of its early maturity and habit of growth. Bush. $2.50. Price fluctuates.

Canada Field Peas

These field Peas are entirely different from the Cow Pea, requiring to be sown early in the spring, making their crop ready for cutting in May or June. They can be sown in open weather during December, January, February and March, and making large yields of most nutritious food, which can be used either green or cured for hay. It also makes a good green manuring crop to turn under, but is not equal in this respect to Cow Peas. They can be sown alone at the rate of one and one-half to two bushels to the acre, but a light seeding of oats, rye or barley will increase the yield and help to support the pea vines when the crop comes to maturity. The crop is ready for cutting in May and June, and cures easily and makes splendid hay. Price fluctuates. Price, January 1st, peck, 50c.; bushel, $2.25. Special price quoted on large lots. Cotton bags, holding two bushels each, 15c. extra.

Soy, or Soja Beans

A Great Drought-Resisting Forage Crop, Producing Immense Quantities of Nutritious Food, Beside Being an Excellent Soil Improver.

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs or cattle, both in the green and dry state. In some parts of the South it is extensively grown only for feeding pigs. Agricultural Bulletins throughout the Southern States praise it without stint. To plow under in the green state it is certainly one of the very best plants, next to Cow Peas, to sow on account of its soil-enriching qualities. It will draw from the air and return to the earth just the nourishment needed. Peck 75c.; bush. $2.50. Subject to market fluctuations.

Sand, or Winter Vetch

Sometimes called Hairy Vetch. The most valuable of all Vetches. It succeeds on nearly all soils and is specially recommended for poor lands, where it thrives and improves the soil wonderfully, as it is very rich in nitrogen. It belongs to the pea family, but the vines are more leafy and longer. It may be sown in the spring or in the fall, preferably with rye. It remains green all winter and is valuable for early pasturing, as well as a fertilizer. Peck $1.50; bush. of 60 lbs. $6.00.

Flower Seeds.

Our Flower Seeds are Selected with Great Care, from the Best English, French and German Seeds. A Trial will Satisfy You as to Their Superiority.

Amaranthus.

The varieties are of two types, one of which is valued for the brilliant coloring of the leaves, while the other has large feathery plumes or sprays of rich crimson coloring. Plants are of quick growth, and seed may be sown early in spring where the plants are to stand, or young plants may be started in a seed-bed and transplanted to the flower-beds.

Love-Lies-Bleeding.

Caudatus (*"Love-Lies-Bleeding"*).—Plants of stiff, erect growth, three or four feet in height, with numerous pendant feathery sprays of rich deep crimson. Pkt., 5c.; oz., 25c.

Splendens (*"Rainbow Plant"*).—Of stiff, erect growth, with a single stalk three to four feet in height. When plants are fully grown the terminal leaves take on beautiful colorings of yellow, crimson and scarlet, in most showy blending. Pkt., 5c.; oz., 40c.

Salicifolius (*"Fountain Plant"*).—Grows two to three feet in height, freely branching and of pyramidal form. Both stems and narrow leaves are of a deep purple coloring, uniform with the slender feathery spikes. The slender branches grow in a slightly drooping manner, producing a graceful effect, and suggesting the resemblance to the fine spray of a fountain. Pkt., 5c.; oz., 25c.

Tricolor (*"Joseph's Coat"*).—This is similar to Splendens, having a single erect stalk and brilliantly colored leaves when of full growth. The rich yellow and red coloring are rendered distinct by contrasting dark green of the strong foliage. Pkt., 5c.; oz., 35c.

Alyssum, Sweet.—Koeniga.

One of the earliest and most attractive spring flowers. Very fine for beds of edging. Of easy culture, and blooms freely the whole season.

Sweet Alyssum.—The ordinary variety grows eight to ten inches in height, producing spikes of small, fragrant white flowers. Pkt., 5c.; oz., 20c.

Little Gem.—Very compact growth, three or four inches high, but a single plant will cover a space up to three feet in circumference. Grows quick from seeds and will bloom when quite young. The abundance of flowers is simply enormous, 300 blossoms having been counted on a single plant. Pkt., 5c.; oz., 25c.

Argeratum.

Free flowering bedding plants of low growth, contrasting well with Geraniums. Suitable for pot culture in winter or bedding out in summer. Flowering continually and profusely.

Mexicanum (*Lavender*).—Blue, one-and-a-half feet high, 5c.

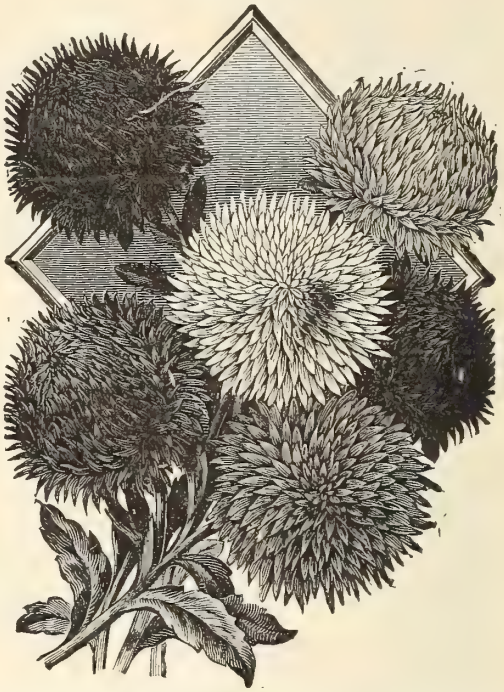
Mexicanum (*Albiflorum*).—White, two feet high, 5c.

Antirrhinum.—Snapdragon.

Beautiful spikes of gaily colored flowers, produced abundantly the first summer until after frost. Dwarf varieties. Best mixed. Pkt., 5c.

Picturatum.—Choice fall varieties, mixed. Pkt., 5c.

Asters.



Our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable. In selecting the early, medium and late blooming varieties it will be quite easy to have Asters in flower from the first days in July until hard frost.

Queen of the Market Aster. Coming in to flower in July; of branching habit, one foot high; flowers of good size and borne on long stems. Bright Rose Pink, pkt. 10c.; Lavender, White, pkt. 10c.; Mixed Colors, ¼ oz. 30c. pkt. 10c.

Comet. This is one of the most popular and distinguished types. The outer petals are broad, flat and reflexed, while the center of the flower has a distinct feathery effect. Plant grows 12 to 15 inches high, branching freely. Follows the Queen Aster in flowering.

Separate Colors. Giant, brilliant deep Scarlet, Dark Blue, Yellow Turnip to Flesh Color, Rosy Buff, Snow White. Pkt. 10c.; 3 pkts. 25c.

Large Flowered Mixed, pkt. 5c.

Victoria. Flowers very large, double and beautifully reflexed; height 18 inch; bear during August and September. Extra large flowering mixed, 5c. pkt.

Late Branching. Especially adapted to our climatic conditions, they come into bloom from two to three weeks after the average type. The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems their chrysanthemum-like flowers, which ordinarily average 5 inches across. Pure White, pkt. 10c. Finest Mixed, all colors, pkt. 5c.; ¼ oz. 40c.

Half Dwarf Comet Aster.

This is the most distinct and improved type of flower in Asters as well as the earliest period of bloom. Under good cultivation plants grow twelve to eighteen inches in height, branching freely, and each stem terminates in a fine large flower two to two and a-half inches in diameter. The outer petals are broad, flat, and reflexed or curving outward, while the centre of the flower is composed of many short tubular petals, slightly pointed. The whole flower has a distinctly featherly effect, greatly resembling that of the fine Japanese Chrysanthemums.

Improved Large Flowering.—Extra fine mixed. Pkt., 5c.; oz., $1.50.

Half Dwarf Victoria Aster.

A magnificent race of Asters, grown largely by florists to furnish cut flowers during the summer and fall. It is equally attractive as a fine bedding plant. The flowers are very large and double, with petals beautifully reflexed. Plants grow one and a-half feet in height, are of pyramidal form and each produces ten to twelve fine flowers on long stiff stems.

New White Branching.—Pkt., 5c.; oz., $1.50.
Choice Mixed, All Colors.—Pkt., 5c.; oz., $1.25.

Dwarf Chrysanthemums Flowered.

Of very compact growth, flowers from three to four inches in diameter and very abundant; later than other varieties, therefore valuable for succession; ten inches high.

Extra fine mixed. Pkt., 5c.; oz., $1.50.

Cypress Vine. (See Climbers.)

Convolvulus. (See Morning Glory.)

Balsam.

Balsam.

(Lady Slipper, or Impatiens.)

One of the most popular of summer annuals, bearing masses of beautiful flowers until frost. Some of the varieties rival the rose in shape, size and coloring. The flowers are borne at intervals upon an upright stalk, and are much used by florists for groundwork of designs. Sow seed in May, where flowers are intended to bloom.

Double Mixed.—Pkt., 5c.

Camelia Flowered.—From a magnificent collection of double varieties; fine mixed colors; height two feet. Pkt., 5c.

Bachelor's Button.

(Lychnis Dioica.) Very old favorite hardy annual; flowers freely in almost any situation; for cut flowers they are largely used both in Europe and in this country, a little bunch being a favorite boutonniere. Pkt., 5c.

Calendula. (See Marigold.)

Candytuft.—(Iberis.)

Universally known and cultivated, and considered indispensable for cutting. Hardy annual; one foot high.

New Giant Hyacinth Flowered.—A new variety of great beauty and most desirable for cut-flower purposes, producing a very large elongated head of quite large pure white florets. The immense broad heads of florets frequently measure six inches in length. It is really an improved selection of the *Giant Empress*. Pkt. 5c.; oz., 75c.

Giant Empress.—Heads of pure white flowers. Pkt. 5c.; oz., 60c.

Choice Mixture.—Pkt., 5c.; oz., 20c.

Canterbury Bell.

(Campanula Medium). Handsome, hardy biennial of stately growth, rich color and profuse bloom, succeeds best in light, rich soil, and should be transplanted two feet apart. Has large bell-shaped flowers, which are strikingly effective.

Double white, blue, mixed and single mixed. Pkt., 5c.

Castor Bean.—Ricinis.

Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue, and long spikes, scarlet and green prickly fruit. Of very quick growth in rich soil. Tender annual; six to sixteen feet high. Pkt., 5c.

Zanzibarensis.—A new distinct class which surpasses in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. Pkt., 5c.

Cockscomb.

Glasgow Prize, or Tom Thumb.—Very dwarf, broad compact combs of deep crimson. Pkt., 5c.

Triumph of the Exposition.—A very distinct variety, of strong pyramidal growth, two and a-half feet in height, branching freely. Each stem or branch is crowned with a magnificent feathery plume of most intense brilliant red, while the large leaves are of a dark bronzy green. Planted either singly or in groups, this variety is most effective in the brilliant mass of soft, glowing color. Pkt., 5c.

Cockscomb.

Feathered Fine Mixed.—This new Feathered Celosia produces large plumes which are exquisitely curved and curled in exact resemblance to an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and numerous massive plumes, gracefully waving above the foliage, makes it one of the most effective ornamental plants for either pot or outdoor planting. It is easy of culture. Pkt., 5c.

Celosia Cristata.—Highly ornamental plants, producing crested head of flowers, somewhat resembling a cock's comb. There are many shapes and colors, but of all colors the rose and crimson are the most brilliant and rich. Tender annual. The dwarf varieties are about one foot high. Pkt., 5c.

CARNATIONS

The most magnificent of all the Pink family, and universal favorites for their delicious fragrance and richness of colors. Seeds may be sown under grass in Spring, or in open ground, but must be protected in Winter. Half-hardy perennials.

Marguerite Carnations.

These splendid early-flowering Summer Carnations are deservedly popular, and with good reason, as they come into full bloom early in the season and continue until hard frosts. Our strains are semi-dwarf, and strong growers. The large double flowers are produced on long stems, and range through a great variety of elegant colors, besides being very sweet-scented. (See illustration.) Our mixture is splendid. Pkt. 5c.; ⅛ oz. 25c.

Giant Marguerite Carnations.—A much improved class, with enormous flowers, which are often three inches across. The colors are the most varied, and intensely brilliant. Gorgeous in borders. Very best mixed sorts, pkt. 10c.

Chabaud's Everblooming.—Another fine Carnation that comes into bloom in about five months from seed; of large size, fine range of colors, very sweet-scented, long stems, profuse and continuous bloomers. Pkt. 10c.

Carnations, Finest Double Mixed.—Seed saved from the finest named flowers. Pkt. 15c.

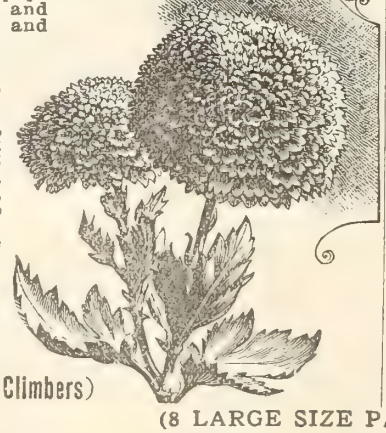
Carnations, Fine Double Mixed.—A very choice mixture. Pkt. 10c.

Carnations and Picotees.—All classes; superb double mixed; of unrivalled quality and size; certain to give satisfaction to the most critical grower. Pkt. 25c.

Dwarf Vienna.—An early-flowering Carnation, very double, of the choicest colors. Endures the Winter with slight protection. Pkt. 10c.

CHRYSANTHEMUMS

Chrysanthemums have deservedly become very popular; they are showy and effective in the garden and very desirable for cut flowers.



Elsie Walker.—Pkt. 5c.

Double Coronarium, Mixed.—Compact bushy growth, 18 inches in height. Flowers quite double, three-quarters to one inch in diameter, shading from white and light lemon-yellow to rich deep orange.

Hybidum. — Double, finest mixed. Pkt. 5c.; oz. 25c.

COBAEA—(See Climbers)

CENTAUREA

Maritima—(Dusty Miller).—Fine silvery white foliage; used extensively for ribbon planting, hanging baskets, vases, decorative pot plants, etc. Perennial, but usually grown as annual. 1 foot. Pkt. 5c.

CLARKIA

Pretty, profuse flowering annuals, much used for edging. They grow from nine inches to one and a-half feet in height, and their colors are confined mostly to red and white, separate and in combination. Useful for hanging baskets and vases. Pkt. 5c.

COLEUS

Probably there is no other kind of ornamental foliage plant so well known and universally admired as the Coleus. The leaves are of many shapes, shades and colors, and nearly all have a rich velvety appearance of extraordinary beauty. No yard should be without these decorative plants.

Tender Perennial.—Mixed. Pkt. 10c.

COREOPSIS

(Calliopsis.)

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Pkt. 5c.; oz. 40c.

CINERARIA

A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of colors. Cinerarias bloom during the Winter and Spring months, and can be planted out in Summer. The plants thrive best in a mixture of loam, leaf-mould and sand.

Prize Mixture.—Contains only the richest and most beautiful colors. Compact and branching plants; blooms very large. (See illustration.) Pkt. 25c.

Cineraria Hybrida.

CYCLAMEN

Well known and universally admired, tuberous rooted plants, producing exceedingly handsome red and white flowers. Tender perennial. One foot high.

Persicum.—Mixed. Of great beauty and many colors. Pkt. 10c.

COSMOS

Pure White.—This is the original type, having pure white flowers. Flowers are not so large nor growth so strong as in the improved varieties, but it begins to bloom about two weeks earlier; they are very useful for cutting. Pkt. 5c.; oz. 25c.

Pure Pink.—This is similar, but of a beautiful soft shade of rose-pink. Pkt. 5c.; oz. 25c.

All Colors, Mixed.—Besides the two preceding, this also contains flowers of deeper pink and crimson shadings. Pkt. 5c.; oz. 20c.

Dawn.—A new early-blooming strain of dwarf growth, which begins to bloom in July and continues to flower throughout the season. The large circular flowers are of good size, delicately tinted with rose on a white ground. Plants are of compact bushy growth, about four and a-half feet in height, but begin flowering when only two feet high. Pkt. 15c.; oz. 40c.

New Mammoth.—They embrace many shades of rich crimson and mauve, together with pure white and white delicately tinted and clouded with pink and rose. These are also monstrous white flowers with flecked and serrated edges and with pink and crimson flowers of the same type. The dark crimson flowers frequently resemble those of a large single dahlia. Plants of this variety are of strong free-branching growth, generally six feet in height; the dense growth of finely cut dark-green foliage forms a splendid setting for the starlike flowers. Owing to the strong growth of this strain, it is rather later in blooming than small flowered types. Pkt. 5c.; oz. 75c.

(8 LARGE SIZE PACKAGES FOR 25c.)

Dianthus.—(*Chinese and Japanese Pinks.*)

These popular biennials flower freely the first year from seed. In most localities the plants are quite hardy and produce even larger and finer flowers the second year. Seed should be sown thinly in shallow drills when trees are starting out in leaf. When well started, young plants should be thinned out or transplanted, so that dwarf varieties may stand six inches apart and the larger ones eight inches apart in the row. Plants begin to bloom early in summer and continue until destroyed by hard frost.

Chinensis.—(*Double Chinese Pinks*)—Compact plants, with large clusters of small double flowers in a wide range of colorings. Pkt., 5c.; oz., 25c.

Heddewiggii.—Finest single mixed. Very large fringed single flowers, frequently two to three inches in diameter, a very fine garden annual. Pkt., 5c.; oz., 50c.

New Large-Flowering Dwarf Double Hybrid Pinks.—The dwarf plants are heavily laden with large double flowers of perfect form and most brilliant colors—frequently three inches across. They embrace all colors from pure white to deep crimson, and are mostly variegated in fantastic markings. Pkt., 5c.

Plumarius.—(*Glove Pink.*)—Finely fringed silvery-white flowers, beautifully shaded with light lavender-purple; strong clover fragrance; blooming in clusters on a long stiff stem. Pkt., 5c.

Semperflorens.—Florists' Perpetual Pink. Large clusters of very double finely fringed snowy-white flowers, on a tall, stiff stem. Strong clove fragrance; desirable for cut flowers. Pkt., 5c.

Daisy.—(*Bellis Perennis.*)

This is the beautiful little double Daisy of which the poets have sung so sweetly. It grows but three inches high, and bears a profusion of beautiful red and white flowers. Makes a splendid edging, and is an early and persistent bloomer. **Pkt., 5c.**

Eternal Flower.—(*Helichrysum.*)

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade with their heads downward.

Bractectum.—Double mixed. Pkt., 5c.
Bractectum.—Double red. Pkt., 5c.

Feverfew.—Golden Feather.—(*Pyrethum Auranum.*)

A highly ornamental golden yellow foliage plant, unexcelled for bedding, one and a-half feet. **Pkt., 5c.**

Forget-Me-Not.—(*Myosotis.*)

Neat and beautiful little plants with star-like flowers, succeeding best in a shady, moist situation; half-hardy perennials, blooming the first year from seed if sown early. **Pkt., 5c.**

Fox Glove.—(*Digitalis.*)

A handsome and highly ornamental hardy perennial plant of stately growth, fine for shrubberies and other half-shady places; three feet. **Pkt., 5c.**

Gilia.

Mixed.—Very dwarf plants of compact growth and great freedom of flower which are produced in close heads; small saucer-like flowers in a wide range of coloring. Seed should be sown thinly in open ground early in spring when the trees are starting out in leaf. Pkt., 5c.

Heliotrope.

These are deliciously fragrant flowers, remaining in bloom a long time, fine for pot culture or bedding; one and a-half foot. Half-hardy annuals. Large flowering hybrid. **Mixed pkt., 5c.**

Hesperis.—(See Sweet Rocket.)
Ipomoea Moonflower.—(See Climbers.)
Joseph's Coat.—(See Amaranthus Tricolor.)
Lathrus Perennial Peas.—(See Climbers.)

Hollyhock.

Splendid tree flowering perennial, producing beautiful double flowers on grand spikes four to six feet in height the second spring from seed. Seed may be sown thinly in shallow drills at any time during spring, but germinates best while the ground is cool and moist. When young plants are well started transplant to beds or borders, setting them one to two feet apart. Beds or borders in which they are to grow should be of light rich soil, slightly raised or rounded to insure good drainage during the winter. Plant will continue to grow and blossom for several years if the flower spikes are cut off as soon as they are done blooming. **Double finest mixed. Pkt., 5c.; oz., 75c.**

Larkspur.—(*Delphinum.*)

One of the most showy and useful plants, possessing nearly all requisites for adornment of the garden.

Dwarf Rocket.—Double extra fine, mixed. Pkt., 5c.

Lobelia.

A beautiful and popular flower, very desirable for pot culture, beds or hanging baskets because of its trailing habits. Grows easily and does well in beds and rockeries. Bears a profusion of blue and white flowers.

Erinus.—Mixed Trailer. Pkt., 5c.
Crystal Blue.—Pkt., 5c.

Lupins.—(*Lupinus.*)

Large showy plants for beds and borders. Should be sown where they are to bloom, as they do not transplant well. Flowers in long, graceful spikes of rich and varied colors. Large rose. **Pkt., 5c.**

Mignonette.

A well-known plant producing semi-globular heads of very fragrant flowers on spikes 3 to 10 inches long. Sown at intervals during the spring and early summer it will bloom until killed by frost; sown in autumn will bloom early in spring. Hardy annual; perennial if protected.

Reseda Odorata (Sweet Mignonette.)—A well known fragrant hardy annual. Pkt., 5c; oz., 10c.

Machet Extra.—Finest for pod cultivation, with fine reddish erect thick spikes, exclusively grown from selected stock. Foliage somewhat darker than other Mignonettes. Pkt., 5c.; oz, 30c

Gabrielle.—New red flowering, very sweet, spikes very thick, one of the best. Pkt., 5c.; oz., 20c

Morning Glories.—(*Dwarf.*)

These are of low-spreading growth, 10 to 12 inches high and 2 feet across, bearing a profusion of delicate bell-shaped flowers 1½ inch in diameter, which resemble the tall varieties. They remain open, however, much later in the day than flowers of the tall climbing varieties. Seed should be sown thinly in shallow drills when trees are starting out in leaf. When well started thin out or transplant to stand 10 inches or more apart. All colors mixed.

Pkt., 5c.; oz., 10c.

Tall Morning Glories.—(See Climbers.)
Memordica.—(Balsampear)—(See Climbers.)

(8 LARGE SIZE 5c. PACKAGES FOR 25c.)

No discounts, but the best values in dependable seeds

Marigolds.—(*Dwarf French.*)

Well-known garden favorite of quick growth and very free-flowing habit. Seed can be sown thinly in shallow drills when trees are starting out in leaf, or the young plants may be started in boxes of light earth in the sunny window of a warm room and set in the flower bed when danger of frost is over, thus producing flowers early in the summer. This Dwarf French class forms ball-like bushes twelve to fifteen inches in height, with finely cut fern-like foliage of deepest green.

Double Dwarf, Mixed.—Fine double flowers in a grand assortment of brightest colorings and markings. Pkt., 5c.; oz., 20c.

Marigolds.—(*African, or Tall.*)

Plants grow two and a-half feet high, producing large, very double, full-centered flowers two and a-half to three inches in diameter. Rich and glowing in color, double mixed. **All shades of large double flowers. Pkt., 5c.; oz., 20c.**

Nasturtium, Dwarf.—(*Tropæolum.*)

One of the most satisfactory flowers in the whole list to grow, for they will thrive in any situation and in any kind of soil; in fact, the poorer the soil the more profusely will they bloom, as rich soil tends to increase the growth of the foliage rather than that of the flowers. Great improvement has been made of late in the size and color of the flowers. They run the entire gamut of colors from white to black, and some of the combinations are most beautiful. One great advantage they have is that the oftener the flowers are plucked the more profusely will they bloom. **All colors, fine mixed. Pkt., 5c.; oz., 15c.**

Tall Nasturtium. — (See Climbers.)

Moonflower.—(See Climbers.)

Marvel of Peru, or 4 o'clock—(Marabilis)

Handsome, free flowering, sweet scented. Blossom variegated, striped and various colors, blooming in profusion simultaneously about 4 o'clock in the afternoon. Perennial. Fine mixed, Variegated leaved, mixed. Pkt. 5c.

Nicotiana, *or Tobacco Plant*

Affinis.—A handsome genus of garden plants of the Tobacco family, which are noted for the freedom and fragrance of their bloom. Half-hardy annuals, three feet high. Flowers white, salver-shaped, having long, tubular corollas, and are of exquisite fragrance. Deserve a place in every garden. Pkt. 5c.

Poppy—(Papaver)

Tulip Flowered. — Produces large, splendid bright scarlet flowers well above the foliage. The two outer petals of the flower form a tulip cup, and after a time black spots appear at the base of each petal. Strikingly beautiful, reminding one of a dazzling bed of tulips; hardy annual; about one foot high. Pkt. 5c.; oz. 20c.

Improved Double Carnation.—A grand strain embracing a wide range of distinct shadings and colors in these beautiful flowers, all of which are wonderfully double and petals beautifully fringed. Pkt. 5c.; oz. 20c.

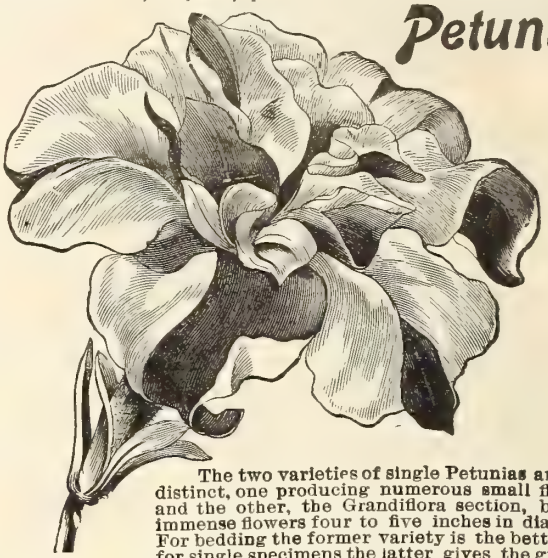
Portulaca, or Mexican Rose.

There are scarcely any flowers in cultivation that make such a dazzling display of colors as a bed of Portulacas. They are in bloom from about the first of July till killed by frost in autumn. Tender annual; about six or eight inches high. They will stand any amount of dry weather.

Finest Single, Mixed.—This embraces the greatest variety of colors and markings. Flowers are self-colored in rich glowing shades, and the plants are brightly striped and flaked with contrasting colorings. Pkt., 5c.; oz., 35c.

Double Rose Flowered, Mixed.—This strain is unsurpassed for brilliancy and beauty. From our choice strain more than half the plants will produce magnificent double flowers; single flowered plants can be pulled out, leaving the double ones to spread over the entire surface of the bed. Pkt., 5c.; oz., $1.50.

Petunia.



The two varieties of single Petunias are very distinct, one producing numerous small flowers, and the other, the Grandiflora section, bearing immense flowers four to five inches in diameter. For bedding the former variety is the better, but for single specimens the latter gives the greatest satisfaction. They are very hardy, free-flowering, and bloom from June until frost.

Hybrida, Mixed.—This includes the brightest striped and blotched colorings of the regular small flowered Petunias. It makes a fine display when sown broadcast and allowed to grow thickly. Pkt., 5c.; oz., 50c.

Extra Large Flowering, Mixed—Plants of strong, vigorous growth and great freedom of flower. The flowers are of large size, with larger and more spreading throat than those of the common varieties, and come in many bright shades of coloring. Pkt., 10c.; ⅛ oz., $1.00.

New Giant of California Petunias

The flowers are exquisitely ruffled and fringed and of enormous size, often measuring five inches across, but their great merits lie in the innumerable blotchings and stripings; some of the colors are rich and gorgeous, and others of lovely delicate shades.

Splendid Mixed, Choicest Varieties. Pkt. 15c.

Phlox—Drummondii

Fine Mixed. — An excellent strain containing all colors of the original well-known Drummond Phlox. Pkt. 5c.; oz. 50c.

Starred and Fringed Phlox.—These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad, white margins which border the edges of the petals. Mixed. Pkt. 5c.

Star of Quedlinburg.—Star Phlox, extra choice mixed. Pkt. 5c.

(8 LARGE SIZE 5c. PACKAGES FOR 25c.)

POPPY—Continued

Double Peony Flowered, Mixed—A companion strain to the preceding, but having the large double flowers composed of broad silky petals with smooth or plain edges, in contrast to the finely fringed petals of the preceding type. Pkt. 5c.; oz. 20c.

PANSY

This well-known favorite is, without doubt, one of the most satisfactory flowers to grow, especially now that cultivation has brought forth such a bewildering variety of forms, sizes and colors. If large flowers are wanted in early spring, the seeds should be sown in autumn in a frame. For spring sowing, get the seed in as early as possible, and keep the ground well watered and thoroughly stirred up to kill weeds. The Pansy delights in a rich, moist soil, and the largest flowers are borne upon young plants. While they require plenty of sunshine in the spring, the hot summer sun is apt to dry them up and cause the flower to become small. Our seed is all from carefully selected large flowers, and with proper care in growing will yield handsome returns.

Bugnot's Giant Blotched.—Flowers of enormous size, nearly circular in form, and in a great variety of the handsomest and rarest colors, including some shades found in no other variety. Each petal has a distinct, deeply colored blotch. Pkt. 10c.; ¼ oz. $1.00.

Giant President Carnot.—Similar to preceding, in large size and splendid form, but the margin of petals is a clear snowy white, while centres are heavily blotched with a soft, rich shade of violet blue. Pkt. 10c.; ¼ oz. 75c.

Giant Emperor William.—Large flowers of a soft ultramarine blue, with large distinct dark blue eye. Pkt. 10c.

Giant Beaconsfield.—Extra large flowers of deep violet-blue, shading to white at the edges of the upper petals. Pkt. 10c.; ¼ oz. $1.00.

Peacock.—Large flowers of most beautiful coloring. The underlying tint is a lovely ultramarine-blue, which is framed and streaked with rosy carmine tints in a manner which resembles the brilliant eye of a peacock feather. The name is further justified by beautiful iridescent blending of rich shadings. Pkt. 5c.; ¼ oz. 75c.

Emperor Frederick.—Velvety brown shaded to a narrow band of deep golden yellow bordering each petal; the rich central portion is finely rayed with bright gold lines. Pkt. 5c.

King of the Blacks.—Magnificent large flowers of a rich glossy black, having a peculiarly soft velvety appearance; distinct from the dead black of Faust. Pkt. 5c.

Jet Black—Dr. Faust or Black Knight.—Flowers of large size and deepest dead black, being free from any glossy tint. Pkt. 5c.

Large Flowering Parisian, Mixed.—The enormous, conspicuously blotched and stained flowers of this strain are as large as the Trimardeau and have a wide range of magnificent colors. They are borne on stout stems which show their beauty to perfection, and the plant is very strong growing and hardy. The best sort for florists. Pkt. 5c.; ¼ oz. 75c.

Salvia, Splendens

Under our hot summer sun "this flame colored beauty" is the most gorgeous of all plants. For months the blaze of flaming scarlet is intensely brilliant, with great spikes of bloom completely concealing the foliage. A single plant will carry as many as two hundred spikes of flowers, each spike 10 to 12 inches in length. A "packet" contains more than one hundred seeds. Pkt. 5c.

Stock, Ten Weeks

All the varieties are desirable as pot plants, as well as in the open garden. They are greatly prized for cut flowers on account of their fragrance and colors.

Giant Perfection.—A splendid race, growing two and a-half feet high, with large spikes of perfect double flowers of great substance and beauty. Mixed. Pkt. 5c.

Dwarf German Bouquet.—Large flowering. Mixed. Pkt. 5c.

White Perpetual—(Princess Alice; or, "Cut and Come Again").—Of strong growth and fine branching habit, it grows to the height of one and a-half feet, and if sown early will produce uninterruptedly a great abundance of bloom from June until November. The individual flowers are uncommonly large, of a fine, rosette-like shape and the purest possible white. The flowers appear on each little shoot, and the oftener they are cut the better they seem to like it. Pkt. 10c.

Sweet William

(Dianthus Barbatus.)

For display in the garden the Sweet William is unsurpassed. The seed can be planted very early in the spring in open ground and will blossom the following summer or it can be sown in August and will make fine blooming plants for spring. Hardy perennial; one and a-half feet high.

Fine Mixed.—Pkt. 5c.

Mixed Double.—Many colors. Pkt. 5c.

Passiflora—(See Climbers)

(8 LARGE SIZE 5c. PACKAGES FOR 25c.)

No discounts, but the best values in dependable seeds

SWEET PEAS—Standard Grandiflora

The following are the very choicest standard sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists, and it would be impossible to select a similar list out of the vast number of standard sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

Blanche Ferry. Standard bright-rose pink; wings creamy white, tinted with rose.

Dorothy Eckford. The latest improved and best pure white in existence, is semi-hooded, of best form, with large wings, and very large standard, which average two inches across. Is similar in effect to Burpee's Earliest, but is fully one-half larger.

Duke of Westminster. Standard clear purple. Wings purple with tint of violet Large size, hooded form.

Flora Norton. A rich lavender, entirely free from any pinkish tinge—almost "a bright blue." Crop very short. Per pkt. 5c.; oz. 15c.; ¼ lb. 50c.

Hon. Mrs. E. Kenyon. A bold, giant flower of a beautiful primrose color.

Janet Scott. A beautiful rich pink. The unusual size of the wings, with the large substantial hooded standard, give the flowers an appearance of enormous size.

Jeanie Gordon. Standard bright rose on primrose ground; wings creamy, suffused rose.

King Edward VII. The standard is of a bright crimson scarlet, wings of same shade of color, only not so bright. The long stems invariably carry three fine flowers.

Lady Grisel Hamilton. Standard mauve, wings lavender, large size, hooded form. It is the largest and lightest shade of lavender varieties.

Lottie Eckford. Large silvery-white flowers, beautifully shaded and edged with soft lavender.

Lovely. Beautiful shades of soft shell-pink, changing to very light rose at the outer edges.

Miss Wilmott. A very effective standard orange pink, showing veins of deeper orange pink. Very large size, semi-hooded form of the very best type, with long stems.

Othello. Very dark maroon; showing veins of almost black. Practically a self-color. Large size, hooded form.

St. George. The bold, expanded standard is a rich pure orange in color, while the large wings are a distinct orange-carmine. It is not inclined to burn under the bright sunshine. Altogether is the most beautiful and brillant of the rich orange shades of the Grandiflora type. Per pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Price any of the above varieties, except where noted, pkt. 5c. and 10c.; oz. 15c; ¼ lb. 40c.; lb. $1.25.

Superior Mixture. This mixture has been made up by ourselves out of the above-named varieties, insuring a satisfactory result in color, and must not be confounded with cheap grades, which are harvested in mixture and always contain a large proportion of dull and undesirable colors. Pkt. 5c. and 10c.; oz. 15c.; ¼ lb. 40c.; lb. $1.25.

Orchid—Flowered or Spencer Type Sweet Peas

They are quite distinct from the grandiflora types, having large, round, open flowers of extraordinary size, usually measuring two inches across, with waxy standards and wide spreading wings. The stem is long and strong, making them exceptionally valuable for cutting. Crop very short.

Asta Ohir. The color is a charming soft lavender, suffused with mauve; each stem bears four fine waved flowers. Pkt. 10c.; oz. 40c.

White Spencer. A pure waxy white of enormous size. The standards measure from 1¾ to 2 inches across; the stems are very strong and 12 inches in length. The vines attain a height of 8 to 10 feet. Pkt. 10c.; oz. 40c.

Countess Spencer. A soft rose pink, which deepens at the outer edges. The large flowers are borne three and four upon long, stiff stems. Pkt. 10c.; oz. 30c.

King Edward Spencer. Bright crimson-scarlet. The standard measures from one and three-quarters to two inches across. The long, stiff stems frequently carry four fine blooms. Pkt. 10c.; oz. 40c.

WALL FLOWER

The large, massive spikes of the Wall Flower are very conspicuous in beds and borders, and very useful in making bouquets. Sow the seed early in hotbeds, and while the plants are small prick them out into pots, and sink the pots in the earth. On approach of cold weather remove the pots to the house and they will bloom all winter. Tender perennial, one and a-half feet high.

Fine German Double Mixed.—Tall spikes of deliciously fragrant double flowers; shadings of chocolate brown and orange purple. Pkt. 5c.

Single Mixed.—These bloom with great freedom; tall spikes of large florets in a number of distinct shadings and many brightly marked. Pkt. 5c.

VERBENAS

One of the best known and most satisfactory flowers to raise either for its splendid display in the garden or for cutting purposes. By sowing the seed very early under glass and transplanting when three or four inches high, good vigorous plants may be raised which will bloom most abundantly in July, and continue until killed by frost. As a rule, Verbenas grown from seed are gathered from the choicest flowers, and are strong and true to name.

Hybrida, Extra Fine Mixed.—Rich and brilliant colors. It is one of the finest strains of Verbenas. Pkt. 5c.

Scarlet Defiance.—Deepest green foliage; quite large trusses of brightest scarlet, intensely rich and glowing. Pkt. 5c.

Pure White—(Sea Foam, or Candidissima).—A fine strain of large flowering pure white Verbena. Excellent for cutting. Pkt. 5c.

New Mammoth.—This strain produces uniformly magnificent trusses, of which the individual flowers are all of unusual size, and which also embraces a wide range of colors. Pkt. 10c.

VIOLETS

Well-known, free-flowering, hardy perennial, easily grown from seed. Succeeds best in a partially shaded, moist situation. Height, 6 inches.

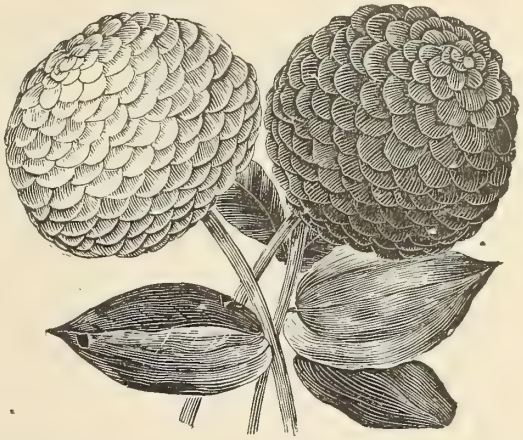
Sweet Scented.—Flowers blue, fragrant. Pkt. 5c.

Wild Flower Garden, or Children's Garden

Nothing in the way of flowers delights children more than this "Wild Garden," chiefly because they can be allowed to pick their own bouquets without stint. Keep out the weeds and the plants will do the rest.

Our Extra Choice Mixture contains many kinds and colors of splendid easily grown flowers, and has become very popular wherever known. Large pkt. 5c.; oz. 25c.; ¼ lb. 75c.

ZINNIA—Youth and Old Age



Pompon.—Flowers are very double, the petals being piled up closely in a symmetrical, smoothly round cone. Colors range from pure white, through deep creams and buff to a bright chrome yellow, and from softest pink to deepest crimson. Pkt. 5c.; oz. 50c.

Robusta Grandiflora.—Of unusually robust habit of growth and immense size, the perfectly formed very double flowers are of various striking colors. Plants three to three and a-quarter feet high, and bloom during a long period.

Dwarf Snowball.—Dahlia-like flowers, a perfect double and of the purest snow-white. Pkt. 10c.

VEGETABLE PLANTS AND ROOTS

We grow large quantities of plants on our Parkville trial grounds and are in position to make prompt shipments on receipt of order during their proper season.

By special arrangement with the Express Companies, Plants travel at a 20 per cent. lower rate than regular merchandise, which provides a very satisfactory method of shipping. Prices quoted below are F. O. B. here. If to be sent by mail, add 10c. per 100.

Asparagus Roots. See Page 1.

Cabbage Plants. Leading early varieties. Frame-grown Plants, for delivery March and April, 40c. per 100; $1.75 per 500. Field-grown Plants, for delivery May to December, 25c. per 100; $1.00 per 500; $1.50 per 1000. Special prices on larger quantities.

Celery Plants. Ready in July. Golden French Self Blanching, 50c. per 100; $3.50 per 1000. Winter Queen, Columbia, Giant Pascal, etc., 35c. per 100; $3.00 per 1000. Ask for special prices in larger quantities.

Cauliflower. Ready in April. Early Snowball and Dry Weather, 15c. per doz.; 60c. per 100.

Egg Plants. Ready in May and June. Black Beauty and New Mammoth, from seed bed, 20c. per doz.; $1.00 per 100.

Lettuce. Ready in April. May King, Unrivaled, Defiance, All-season, Grand Rapids, 10c. a doz.; 25c. 100; 500 $1.00; 1000 $1.75.

Peppers, Ready in April-June 15th. **Bull Nose, Ruby, King and Sweet Mountain,** from seed bed, 15c. per doz.; 40c. per 100; $3.00 per 1000.

Chinese Giant, and Rubi Giant, 20c. per doz.; $1.00 per 100.

Sweet Potatoes. Ready May and June. Big Stem and Yellow Jersey, per 100, 30c.; per 1000, $2.50. By mail, 25 for 35c., postpaid.

Climbers and Gourds.

Balsam Apple.—(*Momordica.*)

A very pretty vine. Grows rapidly and yields a handsome yellow fruit, which is both ornamental and useful. Suitable for arbors or lattice work. Pkt., 5c.

Balsam Pear.—(*Momordica.*)

Fruits are six inches or more in length. Vines are highly ornamental when set with ripened fruits, the rich yellow skin and scarlet seeds contrasting nicely with the finely cut dark green foliage. It is this variety which is most frequently used medicinally. Pkt., 5c.; oz., 25c.

Balloon Vine.—(*Cardiosperum.*)

A rapid growing handsome summer climber, having small white flowers, which are followed by seed vessels shaped like small balloons; grows from ten to fifteen feet. Pkt., 5c.

Canary Bird Flower.—(*Tropæolum.*)

Well-known and desirable climbing plant of rapid growth, highly ornamental foliage and producing hundreds of its elegant, fringe-like, pale yellow flowers. Luxuriant and rambling vine, and is easily trained, making a most pleasing effect. Pkt., 5c.

Cobaea.

A fine, rapid growing annual climber, with handsome foliage and large, beautiful bell-shaped flowers. Seeds should be started in a hot bed or by a warm window in the house, in rather dry soil, as they are apt to rot in open ground. In sowing, place the seed edge down, and do not water unless in a warm place and the soil becomes very dry. A well established plant will run fifty feet in a season and cover a large veranda. Pkt., 5c.

Mixed Cypress.—(*Spourea.*)

Delicate climbers and abundant bloomers for windows, baskets, vases and trellises, or for open grounds in summer. Should be in every collection. Pkt., 5c.

Nest-Egg Gourd.—(*Cucurbita.*)

A very pretty vine, bearing fruit closely resembling a white egg, and is sometimes used as a nest egg. Pkt., 5c.

Towel Gourd, or Luffa.

Many ladies prefer a dish-cloth made of this gourd to anything else, as it is always sweet and clean as long as any part of it is left. Pkt., 5c.

Gourd, Mixed—(*Cucurbita.*)

Fine for screens, trellises or shading, being a rapid grower. Has curiously shaped fruit. Pkt., 5c.

Mock Orange.—(*Phyladelphus.*)

One of the old standard vines, desirable for trellis or shading, and produces a gourd resembling an orange. Pkt., 5c.

Moon Flower.—(*Ipomea Mexicana Grandiflora.*)

Very pretty, rapid growing vine, with handsome bright colored trumpet-shaped flowers. Excellent for covering walls, arbors or lattice-work. Blooms at night. Pkt., 5c.

Passion Flower. (*Passiflora.*)

A most interesting and well known order of climbers, bearing singularly beautiful flowers. Pkt., 5c.

Coccinea. Pkt., 5c.

Brilliant scarlet blossoms in the form of a double coronet or crown. Magnificent greenhouse climber.

Smilax.

Charming tender perennial climber for greenhouse or window gardens; it forms "strings" 6 feet long which are extensively used for decorating, and is grown in immense quantities by American florists; the foliage and stems are of pretty light green; very graceful; delicate; remains fresh after being cut for several days. Pkt., 5c.

Thunbergia.—(*Black-Eyed Susan.*)

Mixed.—Free flowering climbers of rapid growth. May be trained on a slender trellis or allowed to run freely over the ground. Flowers are very bright in coloring, coming in pure white, yellow and deep orange, each distinctly marked with a deep black eye in the center. They are very bright and showy. Seeds should be sown in open ground when trees are well out in leaf. Pkt., 5c.; oz., 30c.

New Climbing Nasturtium.

"Hybrids of Madam Gunther."—An entirely new strain of French origin, most remarkable for their wide range of exquisite colors, showing pink, purple, rose, salmon, light yellow, dark maroon, deep orange, etc., etc. Also striped and blotched, mottled and variegated in the most fantastic manner. They are strong growers, climbing 5 to 7 feet, with rich dark foliage. Fine for porches, vases, or trailing on the ground. Half-hardy annual. Pkt., 5c.; oz., 20c.

Scarlet Runners.—(*Lathyrus Odoratus.*)

This bean produces a rapid growing vine and makes clusters of showy bloom. Pkt. 5c.

Imperial Japanese Morning Glories.

These are the greatest improvement that it is possible to imagine in the common Morning Glory. Not only are the flowers of greatly increased size and most distinct colorings, but the foliage is also wonderfully varied and attractive. See illustration of one type. The large leaves come in many distinct forms; in some cases the leaves are heavily marbled with white or golden yellow, while other plants have leaves of different types of a clear golden yellow. Our choice mixed strain embraces nearly thirty distinct shades and colorings, flowers ranging from deep rich purple to pure silvery white. In many the flowers are beautifully bordered in contrasting shades, while in others the coloring is diversified by rich tigered markings and spots of glowing color in the widely open throat as well as on the flaring corolla. Especially distinct are the shades of cinnamon-brown and faint creamy yellow

Pkt., 5c.; ¼ lb., 30c.; lb., $1.00.

Common Morning Glories.

Convolvulus Major.—The best known and most popular annual climber we possess, growing 30 to 50 feet. A splendid mixture of choicest kinds Many bright colors.

Lb.....75c. ¼ Lb.....25c. Oz....10c. Pkt., 5c.
White... 5c. Rose..... 5c. Blood Red..... 5c.

For Dwarf or Bedding Morning Glories. See Convolvulus Minor.

(8 LARGE SIZE 5c. PACKAGES FOR 25c.)

BULBS and ROOTS For Spring Planting

Cannas

New Giant Orchid Flowered Cannas

The following list embraces the best selection that has come to our observation from American and European specialists. Every variety is a decided acquisition.

AUGUSTA.—The ideal bright crimson, edged with broad band of yellow; green foliage; 2½ ft. high.

GUILFORD.—Flowers rich golden-edged scarlet.

KING HUMBERT.—In this we have the highest type of orange scarlet flowers, measuring six inches in diameter and produced in gigantic trusses. Foliage broad and massive, of a rich coppery-bronze; 4½ ft. high. Dry roots 5c. each, 50c. doz.; started in 3-inch pots 10c. each.

MRS. ALFRED F. CONRAD.—Exquisite salmon-pink flowers of largest size; erect and abundantly produced. Rich green foliage; 4 ft. high. Dry roots 5c. each, 50c. doz.; started in 3-inch pots 10c. each, $1.00 per doz.

MONT BLANC.—The only genuine pure white Canna; large flowers and heavy bloomer. Green foliage; 3 ft. high. Dry roots 4c. each, 40c. per doz.; started in 3-inch pots 6c. each, 60c. doz.

RICHARD WALLACE.—Canary-yellow; large flowers; green foliage; 4½ ft. high. Dry roots 3c. each, 30c. doz.; started in 3-inch pots 5c. each, 50c. doz.

WM. SAUNDERS.—Bright scarlet; produced in great clusters, often a foot across. Vigorous grower; green foliage; 4 ft. high.

GLADIATOR.—Strong, vigorous grower; large heads of flowers golden-yellow spotted with red. Green foliage; 5 ft.

MIXED CANNA ROOTS.—35c. per doz.

When dry roots are to be sent by mail add 2c. each or 15c. per doz. for postage.

DAHLIAS—Fancy Cactus

This splendid type arrests the attention of everybody. Our stock embraces a choice selection of standard varieties and novelties. We furnish large field-grown roots.

COUNTESS OF LONSDALE.—Salmon-orange, suffused lavender.

FAIRY.—Exquisite form, pure white.

FLORADORA.—Dark velvety crimson.

KRIEMHILDE.—Clear rose pink shading to creamy white center.

MRS. GEO. STEVENSON.—Bright yellow; most attractive for cutting.

MORNING GLOW.—Bright yellow, suffused red; flowers of splendid form.

STANDARD BEARER.—Rich fiery red.

Any of the above varieties 15c. each, $1.25 per doz. Expressage extra.

DOUBLE SHOW DAHLIAS

A. D. LIVONI.—Rich sea-shell pink.

BON TON.—Deep rich crimson.

GETTYSBURG.—Bright, rich pure scarlet.

GLOIRE DE LYON.—Fine, large pure white.

QUEEN OF YELLOWS.—

ZEBRA.—Pearl white, edged deep pink.

Large roots 15c. each, $1.25 per doz. If sent by express, at purchaser's expense.

Best Mixed Double Dahlias, in separate colors. Large roots 10c. each, 85c. per doz. Expressage extra.

DECORATIVE DAHLIAS

The Decorative Dahlias are an intermediate form between the show and cactus types, and are practically leaders with florists as cut flowers.

BARON SCHRODER.—Rich glowing purple.

CATHERINE DUER.—Irridescent red; favorite for cutting.

DELICE.—Beautiful glowing rose pink.

DOROTHY PEACOCK.—Best shell pink. 15c. each, $1.50 dozen.

GOLDEN WEST.—Best yellow; fine for cutting. 25c. each, $2.50 doz.

GRAND DUKE ALEXIS.—Ivory white.

MISS MAY LOMAS.—Waxy white and lavender. 20c. each. $2.00 doz.

MRS. HARTONG.—Rich, golden bronze.

Any of the above, except where noted, 10c each, $1.00 per doz. By express or mail, at purchaser's expense.

PAEONY FLOWERED

The flowers are semi-double, the petals being twisted and curled, somewhat resembling the semi-double paeony.

GLOIRE DE BAARN.—Delicate flesh pink.

PRAIRIE FIRE.—Rich scarlet.

QUEEN EMMA.—Distinct rose.

QUEEN WILHELMINA.—Fine pure white.

MRS. CHAS. L. SEYBOLD.—Bright crimson pink, petals white tipped.

Large roots 15c. each, $1.35 per doz. By express or mail, at purchaser's expense.

Double Dahlias.

No discounts, but the best values in dependable seeds

ELEPHANT EARS

Caladium Esculentum (Elephant Ears).—One of the finest tropical plants which can be grown in the open air in the North. It can be made to produce ten to thirty leaves three to four feet long, and nearly as wide, on stalks four to six feet high. It is of easy culture, the chief requisites being an unlimited supply of fertilizer and water. You cannot make the soil too rich or keep it too wet for this plant. Very effective for the flower border and for planting out upon the lawn. Each 10c. Doz. $1.00. If sent by mail add 7c. for each bulb.

GLADIOLUS

These fine summer and fall flowering bulbs will produce blooms which embrace every shade of color, and are marvels of beauty. Great improvements have been made in this flower during the past few years. They are of earliest culture and produce their brilliant spikes the first year. As soon in the spring as the ground is sufficiently warm and dry; make plantings at intervals of two weeks during the spring months, whereby a succession of bloom will be had. In the fall the bulbs can be taken up and stored over winter in a dry place. **Good Mixture of First-Class Bulbs, 15c. doz. $1.00 per 100.** By mail 30c. a dozen.

Triumph Gladiolus.—A distinct race of this matchless class of plants, originated in France, which for variety and exquisite beauty has never been equaled. The flowers are of a gigantic size and of a beautiful creamy white, slightly striped with lilac, small carmine blotch, shaded gold-yellow. The flowers are borne in great profusion all around the spike, forming a perfect bouquet. Doz. 40c. By mail 55c.

Our Fancy Mixture.—A special strain of Gladioli, saved from the most beautiful French hybrid varieties. Each 3c. Doz. 25c. If sent by mail add 18c. postage .

Fine Mixed Gladioli.—This mixture is composed of a splendid assortment of the finest varieties grown in a well-balanced mixture. We should recommend those wishing an ample supply for bouquets to plant a number of bulbs at intervals two weeks or more apart during the spring months. First size bulbs, sure to flower, in extra fine mixture. Doz. 15c. Per 100 $1.00. By mail 15c. a dozen postage.

Groff's New (Hybrids).—The mixture we offer is made up from the original and latest introduction of Mr. Groff, and comprises the widest range of colors possible, including shades of lilac, lavender and clematis, which hitherto have been practically unknown in Gladioli. The pink, red, scarlet, crimson and cerise shades are of the highest quality. The white, light and yellow shades are of the purest colors obtainable, relieved in many varieties by stains and blotches of most intense and decided contrast. The flowers are of the largest size in their respective types and of good substance. The spikes are of correct form, with plants of exceptional vigor and vitality. When the spikes are cut, the unopened flower buds open freely after the spikes are placed in vases containing a little water. Price, 30c. per doz. By mail 45c. per dozen.

New Excelsior Pearl Tuberose

One of the most fragrant and most popular of the summer flowering bulbs. May be started early in hotbeds or pots, or planted in open ground after the first day of May. Each 2c. Doz. 20c. Per 100 $1.00. If sent by mail add 15c. per doz. postage.

MADERIA VINE

Tuberous-rooted climber, with glossy green leaves and delightfully fragrant white blossoms. Sometimes called Mignonette Vine. It is of rapid growth, and from a few tubers vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender, and must be protected from the frost during winter. Each 5c. Dozen 50c. If sent by mail add 10c. per dozen for postage.

Remedies For Insects and Fungus

Ant and Roach Killer. A non-poisonous powder which, sprinkled around their haunts, will destroy roaches and black ants from lawns, trees, plants, houses or other affected locality. ¼ lb. in patented "Handy Blower" 25c.

Bordeaux Mixture. In liquid form; ready for use by adding water. Prevents blight and rust; keeps foliage in a green and vigorous condition; acts as a plant food; 1 gal. can 90c.

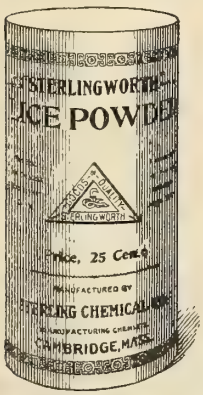
Dry Bordeaux Mixture. Very convenient to handle and can easily be shipped. 1 lb. box 15c.

Dry Bordeaux Mixture and Paris Green Compound.

This compound has proved very successful; while cheaper than Paris Green, it kills the bugs equally well, insures a vigorous growth and prevents blight. Defends plants against flea beetles. 1 lb. box 20c.

Hellebore, Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved. Price, 20c. per lb.; 5 lbs. 90c.

Lemon Oil. A most popular and best all-around insecticide for greenhouse and house plants, especially for mealy bugs, scale, red spider, black and green aphis, thrip, lice, worms and slugs. Full directions with each bottle. ½ pint 25c.; pint 40c.; quart 75c.



Lice Powder. This is a non-poisonous preparation—a lice-killer, not a lice-driver, as so many other compounds now on the market. It will rid every fowl in one or two applications. Price, 5 oz. sprinkler-top box, 10c.; 15 oz. box, 25c.

Paris Green. A poisonous, insoluble powder for preventing the ravages of potato bugs, worms, caterpillars, etc. Per lb. 30c.

Tobacco Dust, Fine. For green and black aphis, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Per lb. 5c.; 10 lb. 30c.; 100 lb. $1.75.

Arsenate Lead. To kill codling moth, curculio and all leaf-eating insects. It sticks to the plants and will not injure the foliage. Dilute ½ lb. to 50 gallons water. Price—1 lb. 28c.; 2 lbs. 50c.; 5 lbs. $1.20; 25 lbs. $3.75.

Lime and Sulphur Solution. Is highly recommended for spraying fruit trees, especially for peach and plum, which require the combined treatment fall and spring to destroy scale. Prices—1 gal. can 75c.; 5 gal. can $2.25; 10 gal. can $3.75; ½ bbls. 25c.; 1 bbl. 20c.

San Jose Scale Killer. This preparation is an emulsification of petroleum with other ingredients, and is compounded from a formula recommended by the Agricultural College as the most reliable San Jose scale killer to date. It coats the tree with a thin film, killing the scale by suffocation, and not by penetration, and is absolutely harmless to the tree. Directions accompany each package. Price, per gallon $1.00; 5 gal. $3.75; 10 gal. $7.00.

Slung Shot (Hammond's).

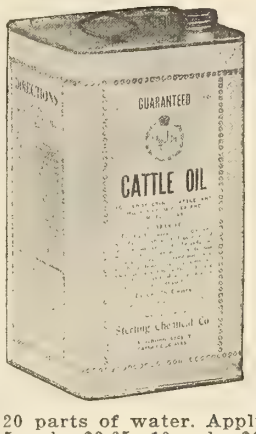
Guaranteed to destroy potato bugs and those on tobacco and egg plants, currant worms, cabbage lice and worms, fleas, beetles and striped bugs on melons, turnips, beets, onions, etc.; canker worms and caterpillars on fruit and ornamental trees. 5 and 10 lb. pkts. 25c. and 45c.

Lawn Compound. Kills the weeds, but not the grass, and makes the lawn green and velvety. It is a dry, sandy powder, to be applied by sprinkling over the grass. It absolutely destroys Dandelions, Plantain, Chickweed and all weeds with hairy surfaces or broad leaves. One pound will dress 100 to 200 square feet. Full directions for use on each package. Price, 5 lb. can 60c.

Sterlingworth Weed Killer. A dry powder to be dissolved in water. May be applied with an ordinary watering can. Most satisfactory. Completely destroys all weeds and objectionable vegetable growths. Price, 1 lb. package, makes 15 gallons, 50c.

Whale Oil Soap with Tobacco.—Combines the valuable properties of whale oil with the insecticide values of tobacco and nicotine for trees and plants where insects and eggs affect the bark and leaves. Lb. 15c.; 5 lbs. 60c. By mail add 10c. per lb.

Bug Death. Is a fine powder and is safe and sure to use on Potatoes, Tomatoes, Currants, Gooseberries, Cucumbers, Melons and Garden Truck generally. Bug Death prevents blight, increases yield, improves quality. Can be used dry or in spray. Price—1 lb. pkt. 15c.; 3 lb. 35c.; 5 lb. 50c.; 12½ lb. $1.00; 100 lbs. $7.50.



Nico Fume. This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets 75c.; box of 144 sheets $3.50; 288 sheets $6.50. When wanted by mail add 15c. per pound.

Cattle Oil. Protects cattle, horses, dogs, etc., from flies, gnats, mosquitoes, horse-fly and other insects; destroys head lice on fowls, etc.; is healing to sores. It is guaranteed to satisfy the user or the cost price will be refunded. Price, 1 gal. cans 75c.

Soluble Oil. An excellent scale remedy. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with spray pump. 1 gal. $1.00; 5 gals. $3.65; 10 gals. $6.65; half bbls. 60c. per gal.; bbl. of 50 gals. 50c. per gal.

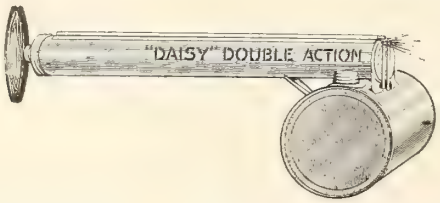
Bordeaux-Arsenate-Lead Mixture. This is a combined fungicide and insecticide specially recommended for Apple and Pear trees, also for Potatoes, Melons and Cucumber vines. Apply for apple and pear 8 to 12 lbs. to 50 gals. water; peach or plum 6 to 8 lbs. to 50 gals. water and stir. Prices, 1 lb. pkgs. each, 18c.; 2 lb. pkgs. each, 30c.; 5 lb. pkgs. each, 70c.; 10 lb. kegs, each, $1.30; 20 lb. kegs, each, $2.50; 50 lb. kegs, each, $5.75; 100 lb. kegs, each, $10.50; barrels, 400 to 600 lbs., 10c. lb.

Sulpho-Tobacco Soap. Unsurpassed for quickly exterminating all insect life on plants and flowers in and out of doors. Excellent for rose bushes, shrubs, etc. This popular insecticide never fails to give satisfaction, and is cheap, effective, clean, harmless and non-injurious to the tenderest growth. It also acts as a valuable fertilizer, reviving plant life. For domestic purposes it rids the house of cockroaches and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without Sulpho-Tobacco Soap if you desire to be successful in plant culture. A trial will give highly gratifying results. Directions for use with each cake. 3 oz. cake makes 1½ gallons prepared solution, 10c. Mailed, postpaid, 12c. 8-oz. cake makes 4 gallons prepared solution, 20c. Mailed postpaid, 25c. 10-lb. cake makes 80 gallons prepared solution. By express, $3.00.

Sprayers and Accessories

The "Misty" Single Action. A low cost sprayer made of heavy tin, for general purposes; holds one quart. Price 25c.

Daisy Double Action. Works both ways of stroke, giving twice the results with half the work; will not turn over on its side and allow the liquid to run out; made of heavy galvanized steel. Price, 75c. each.



Easy compressed air; has a large and strong pump, automatic shut-off nozzle; can be used for whitewashing, disinfecting, and is very desirable for large gardens, etc. It is built of galvanized steel and holds one gallon. Price, $1.75.

Perfection. This is the most powerful machine in its class. The barrel is 7½ inches and 20 inches high. The pump is 1¾ seamless brass tubing. The valves are metal and work automatically from 8 to 15 minutes, and may be recharged in 12 seconds. A boy with the Perfecton can easily do as much work as three men using a hand atomizer, and do it more thoroughly. For whitewash use a No. 2 cap in the nozzle, which is furnished with each sprayer. Price, $4.50.

Knapsack Sprayer. Is the most practical appliance for the spraying of small orchards, shrubbery, etc. The galvanized iron tank holds 5 gallons. The pump is made entirely of brass, with large air chamber, ball valves, solid plunger and agitator, fitted with 5 ft. ½ inch hose, pipe connection and Bordeaux nozzle. Price $6.50.

Little Giant Bucket Spray Pump. Made entirely of brass and malleable footrest, provided with large air chamber and throws a continuous spray; will carry a pressure from 50 to 100 lbs. on the nozzle. Price with 4 feet ½ inch hose and 2 nozzles, $2.50.
8 ft. extension pipe, 40c.

Perfect Lever Bucket Spray Pump. The air chamber is fifty per cent. larger than the Little Giant Sprayer. The lever handle produces also considerable more power. Price complete, with agitator, hose and terminal nozzle, $3.50.
8 ft. extension pipe, 40c.

Double Acting Barrel Spray Pump. No. 312 Perfect Barrel Spray Pump, complete, with 1 suction pipe, strainer, two leads, 15 ft. each ½ in. five-ply discharge hose two removal nozzles, jet or dasher agitator. Price, $11.00.

Myer's Improved Brass Barrel Spray Pump. Is adapted to be used in connection with an ordinary barrel, double-acting, automatic agitator, double hose connection, with 8 ft. high-pressure Hose. One of the best for whitewashing. Price, $7.50.

Myer's Bulldozer Back-Geared Power Spray Pump.

This Pump is especially designed for heavy and efficient work, and can be connected direct on the crank shaft of any gasoline engine by means of a pinion wheel, which is furnished with the pump, thus making the most complete outfit ever offered, for the reason that it only requires the small floor space of 30x40. Price $43.00, fitted with strainer, pressure gauge and relief valve, double shutoff discharge and suction nipple.

This Blower is the highest development of all Powder Guns and Dusters now in use. As shown in the illustration, covers two rows perfectly and can be adjusted to any desired width; each machine is furnished with two tubes, five nozzles and strap, and weighs six pounds. Each $5.50.

Fertilizers

Raw Bone Dust. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is, therefore, more quickly beneficial. Price, lb. 3c.; 10 lbs. 25c.; 100 lbs. $2.00. Special prices in large quantities.

Pure Dissolved Bone. This Bone has been steamed to soften it and is thus quicker in its action. Price, lb. 3c.; 10 lbs. 25c.; 100 lbs. $1.50. Special prices in larger quantities.

Bone Superphosphate. Benefits crops quickly, readily available, promoting early maturity, affording constant nourishment during their entire season's growth. In case of rotation of crop it is nearly as valuable for the last as for the first. Price, lb. 3c.; 10 lbs. 25c.; 100 lbs. $1.50; ton, $25.00.

Sheep Manure (Pulverized). A pure natural manure and a most nutritious food for young plants. As a lawn top-dressing it is unequaled. 5 lb. packages 25c.; 10 lbs. 40c.; 50 lbs. $1.50; 100 lbs. $2.50.

Mann's Concentrated Plant Food for Vegetables and Flowers. Strictly high grade, containing all the elements needed by vegetables and flowers for their quick growth, early maturing and perfect development. The ingredients are quickly soluble and immediately commence to feed the plants, stimulating them into healthy, luxuriant growth, and it continues to feed them until the end of the season. Price, 5 lb. package 20c.; 10 lb. 35c.; 100 lb. $2.25.

Kainit, 12% Actual Potash. 200 lbs. $1.50.

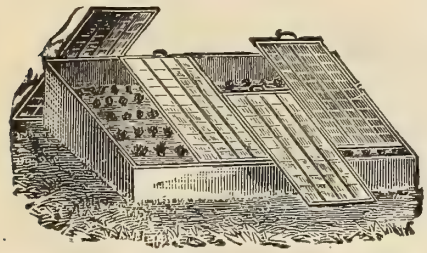
Land Plaster. Excellent for composting, fertilizing or mixing with guano. A fine lawn fertilizer. Barrel, 200 lbs., 85c.

Muriate of Potash. 80 per cent. pure, equivalent to 48 to 50 per cent. actual Potash. A high grade Fertilizer, and one of the best Orchard Fertilizers known; used largely in Fruit cultivation, and as a general Fertilizer Muriate of Potash and Ground Bone stand as leaders. 25 lbs., $1.00; 100 lbs., $3.00. Original sacks of 224 lbs., $6.00.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground. Lb. 5c.; 25 lbs., $1.00; 100 lbs., $3.50.

Garden and Florist Tools and Requisites.

HOT BED SUPPLIES.



Unglazed Hot Bed Sash, each. ....75c.
Hot Bed Glass 8x10 and 10x12, per box.. $1.60

PEERLESS GLAZING POINTS.

This will positively keep the glass from sliding and are interchangeable, right or left. The use of a special pincers is recommended.
Price, per box, of 1000..... .... 50c

PINCERS.

Price, per pair..... ....50c
By mail.....60c

PUTTY BULBS.

Large size..... ...95c.; by mail, $1.00

MASTICA.

For glazing greenhouses, sashes, etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.
Price, ½ gallon.....70c
" 1 " $1.25
MASTICA—Glazing Machine. Price, $1.00

PLANT BED CLOTH.

A cheap substitute for glass and will keep out many degrees of frost.
Medium grade per yard.... .. ..8c
Original package of 60 yards, per yard....7c

HOT BED MATS.

Burlap.—Made of strong burlap interlined with wool.
Size, 40x76 inches, each..... .....80c
" 76x76 " " 1.40

GALVANIZED IRON WATER POTS.

4 qts	35c	10 qts	50c
6 qts	40c	12 qts	55c
8 qts	45c	16 qts	65c

HAND WEEDERS.

40c 25c 20c 10c each.

CHAMPION WEED PULLER.

Each..... .....40c

POT LABELS.

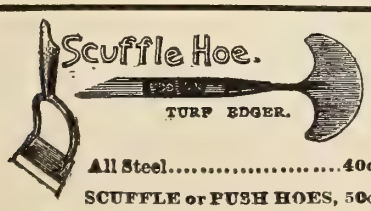
	Plain.	Painted.
3½ inch, per 1000	$0.45	$0.65
4 " "	.55	.75
4½ " "	.65	.85
5 " "	.75	1.00
6 " "	.90	1.20
12 inch, per 100....	.75	

TREE LABELS.

3½ inch, iron band.... ..... 85c
6 " " 1.10

GARDEN LABELS.

8 inch 3.00

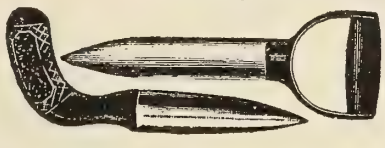


All Steel.....40c
SCUFFLE or PUSH HOES, 50c

TROWELS.

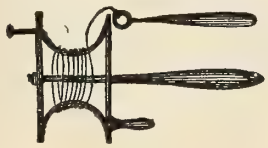
Garden Trowels, 5c, 10c, 25c and 40c.
Transplanting Trowel, 8 inches long, all steel, each..... 25c
Transplanting Hoe, all steel, wood handle, each 35c

DIBBLES.



Decidedly the best tool for transferring plants.
All steel, D-handle..... ..... 50c
All steel, bent handle..... 35c
Wood bent handle, steel point.....30c

GARDEN LINE AND REEL.



Made of best Malleable Iron, Price, each.....$1.25
Extra Heavy Braided Garden Line, Price, per 100 feet.....35c

HOES.

Solid Socket, all steel. Size, 6, 6½, 7, 7½ inches. Price 40c
Solid Shank, all steel. Size 6, 6½, 7, 7½ inches. Price 35c and 40c
Malleable Iron Socket, steel blade. Price..... ....25c
Planter Hoe, heavy handled, large eye, suitable for stiff ground. Price..30c
Mattock Hoe, double pointed, very useful, each.....30c

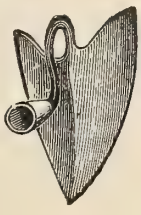
HOES.—Acme.

For weeding and cultivating, double prong, 4½-inch blade 60c
Acme W. & C. single prong, polished steel.... .55c
Onion or weeding, two-prong, polished steel.....25c

COMBINED DRAW HOE AND RAKE.

Four-Tooth Malleable Iron Rake and cast steel blade.....25c
Six-Tooth Solid Steel Hoe and Rake 50c

WARREN HOES.



Heart-Shaped.
The finest Weeding and Garden Hoe made, very suitable to cultivate strawberries.
Small size.....40c
Medium size 45c
Large size.....50c

PRONG HOES OR POTATO HOOKS.

4 broad tine, solid steel.50c
5 round tine, solid steel.45c
5 flat tine, solid steel....40c
2 prong extra heavy nursery hoe..... 50c

SHOVELS.

Solid steel strap, D-handle, round point, No. 2, 50c., No. 3.....60c
Solid steel strap, square point, long handle. No. 2, 50c., No. 4, 60c., No. 6...75c
Solid steel socket, D-handle, square point, No. 2, 40c., No. 4, 50c., No. 6, 60c
Solid steel riveted, No. 2, long handle, round point..... .....40c
Solid steel socket, long handle, No. 2, round point.....50c
Solid steel, full strap, extra quality..75c
Solid steel, full strap... .....50c

SOLID STEEL SPADES.

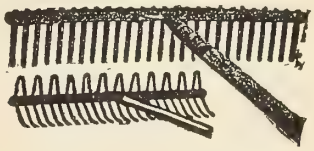
Hollow back, D-handle, No. 2... .....45c
" " long handle, No. 2.....40c
Solid back, D-handle, No. 2..... .....50c
" " long handle, No. 2..... 50c
Solid back, extra heavy, No. 2.....75c

SPADING FORKS.

Extra heavy, 4-tooth, D-handle strap, 75c

MANURE FORKS OF ALL DESCRIPTIONS.

LAWN RAKES.



Lawn Oween—24 steel wire teeth, reversible head, each.....45c
The Olsen.—The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. 45c

SPLIT BOW WOOD LAWN RAKE.

Handmade 35c

STEEL GARDEN RAKES.

Bow Shank Curved Teeth, gold bronze finish, 12 teeth, 35c.; 15 teeth, 40c.; 16 teeth, 50c.
Goose Neck Shank, bronze finish, 10 teeth, 30c.; 12 teeth, 35c.; 14 teeth, 40c.; 16 teeth, 45c.
Malleable Iron Bow Shank, 10 teeth, 20c.; 12 teeth, 25c.
Wood Hay Rakes, split bow, handmade..... .... 25c
Wood Hay Rakes, wire bow.....18c

Garden and Florist Tools and Requisites

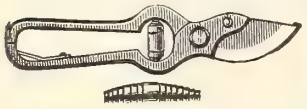
BUDDING KNIVES. PRUNING.

50c 50c 50c 60c 60c 7

GRAFTING WAX.
Drawbridge Brand, ¼ lb. 10c.; lb. 30c.

PRUNING SAW.

16-inch .....60c.
18-inch .....70c.
20-inch .....80c.

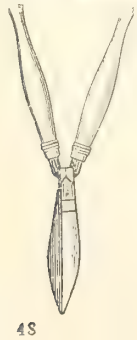


Malleable Handle Steel Plate, 30c. and 40c.
Solid Steel, 8-inch....$ .50
Solid Steel, see illustration ..... .75
Imported French Steel 1.00

WATERS' IMPROVED TREE PRUNER.
8 feet... 75c.
10 feet... 85c.
12 feet...$1.00
Extra Knives 20c. each.

LITTLE GIANT PRUNING HOOKS.
Without pole. Extra Heavy. $1.00 each.

BUCKEYE PRUNERS
No. 1. 18-inch..... 60c.
No. 2. 24-inch..... 75c.
No. 3. 36-inch, extra heavy $1.00



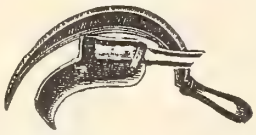
HEDGE SHEARS.

8-inch	$1.25
9-inch	1.40
10-inch	1.60
12 inch	2.00

With Notch 25c. Extra.

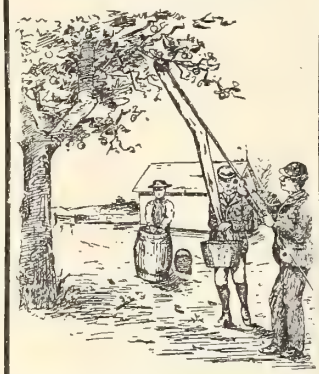
SNATH, OR SCYTHE HANDLES.
One Ring, plain.....50c.
Two Ring, plain.....60c.
Patent Fasteners .....60c.

GRASS AND BRUSH HOOKS.



American .....25c.
Draw Cut.....40c.
German .....25c.
Best English.....50c.
BRUSH HOOKS for shrubbery and underbrush.
Tempered steel.....75c.
Imported solid socket..90c.
Imported solid socket, with Cutter.....$1.00
GRASS SHEARS, solid steel .....30c. and 40c.

FRUIT PICKERS.



Plumley's patent.....90c.
Pennsylvania Fruit Picker, constructed of heavy steel wire, each .....25c.

MOUNTED GRINDSTONES.

No. 1 Stone, weighs about 100 lbs.....$3.50
No. 2 Stone, weighs about 80 lbs..... 3.00
No. 3 Stone, weighs about 60 lbs..... 4.00
Patent Steel Bicycle Frame, Ball Bearing, each 4.00
The Stone is the very best grit.

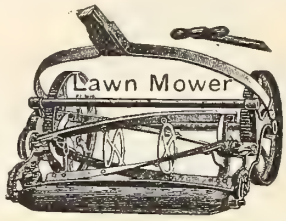
POST-HOLE DIGGERS.

	Each.
Universal, shown in cut	$1.50
Lock Lever, Digger..	1.50
The Rival	1.00
The Pioneer ..	1.00
The Hercules	1.00

SCYTHES.

Best American Grass...60c.
Bush or Brier Scythes.60c.
English T. Waldron, 36, 38 and 40-inch.....$1.20
German hand-forged...60c.

STERLING LAWN MOWERS.



Simple in construction, light running, made of the very best material throughout, and warranted in every particular.
10 and 12-inch cut, 3 knives $2.25
12 and -14 inch cut, 4 knives 2.50
16-inch cut, 4 knives.. 2.75
18-inch cut, 4 knives.. 3.25

LORD BALTIMORE LAWN MOWER.
High Wheel, Ball Bearing double geared. Every detail of this Mower is in keeping with any high-grade machine on the market, high cylinders and very easy running.
14-in. cut, 4 knives, net.4.50
16-in. cut, 4 knives, net.6.00
18-in. cut, 4 knives, net.7.50

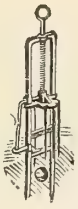
KEYSTONE HIGH WHEEL MOWER.
Is the ideal of perfection.
15-inch $10.00
17-inch 11.00
19-inch 12.25

PENNSYLVANIA HIGH WHEEL MOWER.
This well-known mower has an extra large cylinder of extra strong construction for cutting high grass.
15-inch, each.....$11.25
17-inch, each..... 12.60
19-inch, each..... 14.00

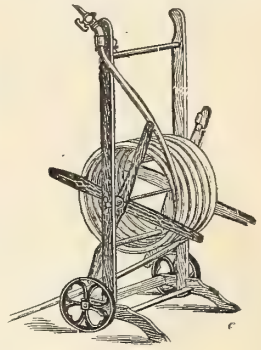
PERFECT RAPID CELERY SHAVER.

This is without question the simplest and most efficient tool ever offered the public, it is to the celery what the plane is to a rough piece of wood. A child or an inexperienced person can use it and accomplish more work than two or three practical men using penknives. It relieves stalks of the rust, scabs and bruises, not only on top, but also between the ribs, thus leaving the celery in the best possible showy appearance for market and table. Each, 25c. Postpaid 30c.

OUT-O'-SIGHT MOLE TRAP.

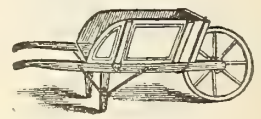


This, while possessing all the good qualities of other traps, is especially adapted for setting under glass. Price, $1.00.
Hale's New Mole Trap. Price .1.00
Enterprise Mole Trap. Price..1.75



HOSE REEL.
Made of hardwood and well finished. Each, $1.00
SEAMLESS RUBBER HOSE
Three-fourths Inch.
Superior Four-Ply Extra Heavy, in lengths of 25 and 50 feet, per foot .....13c.
Marvel Flat Steel Double Wrapped, per ft.15c
Builder Brand, Four-Ply, Extra Heavy, per foot .....10c.
Builders' Three Ply, per foot..... 8c.
Composition, ¾ inch Rubber, will give good service under light pressure of water, per ft....5c.
GEM NOZZLE.
Throwing all variations, from fine spray to streams for ¾-inch hose. Each .....40c.
STANDARD HOSE NOZZLE
Prices, 20c., 25c. and 30c.

GARDEN BARROWS.



This Barrow is light, strong and durable. It is painted and varnished. No. 2 has 16-inch wheel, inside measure 16x20x21 inches $2.75
No. 3 has 19-inch wheel, inside measure 17x21x22 inches..... 3.50
No. 4 has 20-inch wheel, inside measure 18x22x27 inches..... 4.50
Wood Tray Canal Barrow, wood wheel, well braced and bolted. Each 1.75
Pan-American, Extra Heavy Steel Tray, steel wheel and wood frame. Each 3.50
Star Steel Tray, steel wheel and wood frame. Each 2.75

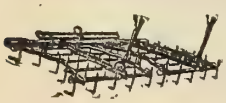
STEEL SCOOP SCRAPERS
Winner, No. 1.....$5.25
Winner, No. 2..... 5.00
Winner, No. 3..... 4.75
Columbus, No. 1..... 6.75
Columbus, No. 2..... 5.75
Columbus, No. 3..... 5.50
With Runners, 25c. Extra.

FARMING IMPLEMENTS AND SUPPLIES.

Evan's Garden Harrow.

This Harrow is equipped with two runners to save lifting and boosting, designed for one horse, convenient to handle and get around garden plots, etc. Beams of oak, teeth of steel.
Price, 24 teeth..... 5.00
Price, 30 teeth..... 5.50

ALL-STEEL HARROW.

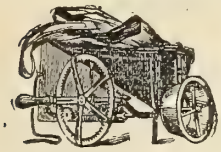


A spike-tooth Harrow with lever up. A smoothing Harrow with lever down. Made entirely of steel. The teeth can be instantly set at any angle from forward pitch to straight up or slanting backward.
1-horse, 1 section, 5 ft. cut..5.00
2 " 2 sections, 8 ft. cut 10.00
2 " 2 " 10 ft. cut 12.00

Platt Springtooth Lever Harrow on Wheels.

Strong and easily handled.
Price—
15-tooth Harrow..$16.00
17-tooth Harrow.. 18.00
19-tooth Harrow.. 19.00
21-tooth Harrow.. 21.00
When Floating Harrows are desired deduct $2.00 from above prices.

CAHOON'S BROADCAST SEEDER.



Sows all kinds of clover, grass and grain seeds; 4 to 8 acres and hoes heavy seeds; it will throw 40 feet. Price.....$3.00

THE CYCLONE BROADCAST SEEDER.

This Seeder is accurate, strong and light. The best medium-priced machine of its kind on the market. Price..... 2.00

THE LITTLE GIANT SEEDER.

The cheapest accurate Seeder made, will not get out of order, nor be affected by dampness of the weather. Distributes all kinds of seed. Price..... 1.50

THOMPSON'S CLOVER AND GRASS SEEDER.

This machine is simple without gearing. The seed is accurately sown by the index plate, and sows 12 or 14 ft. wide, and any amount desired.
No. 1. Complete, Clover and Grass Seeder.....6.00
No. 2. Complete Seeder, with double hopper for red top, orchard, blue and lawn grass...8.00

UNFINISHED HANDLES.

No. 1. Price, per pair.....25c
No. 2. " " 30c

OLIVER CHILLED PLOWS.

Plows.

	A 1. Light one-horse	5.00
	B. Medium one-horse	7.25
	10. Full one-horse	8.00
	13. Heavy, one-horse	9.50
Plows.	19. Light, two-horse	10.00
20.	Medium, two-horse	10.50
40.	Two or three-horse	12.00
E.	Full, two-horse	12.00
Wheels, complete, each		1.00
Jointers complete, each		2.00

GALE CHILLED PLOWS.

We carry in stock a line best adapted for this locality.
No. 34A.—An exceptionally fine general purpose Plow for 3 horses. Wood beam, long slanting landside; mouldboard has a very bold turn. Right hand. Weight, 137 lbs. Price.....$10.50
No. 32—Wood beam, left hand, a perfect two-horse Plow. Price.....$9.50
No. 31.—Wood beam, right hand.....$9.50
No. 17B.—Wood beam, one horse; used largely by gardeners and nurserymen. Price.....$7.50
No. 35.—A small one-horse Plow for use in garden and around bushes; has a short bold turn of mouldboard. Price $5.00

SYRACUSE CHILLED PLOWS.

Steel, iron and wood beams, including a full line of extras.

ROLAND CHILLED PLOWS.

Including a full line of extras.

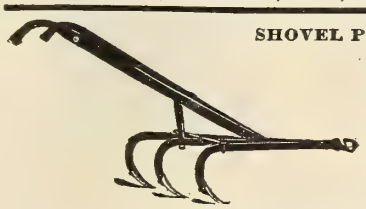
BOSS CHILLED PLOWS.

One-horse.....$5.50

EXTRAS.

For Gale, South Bend, Bissle, and Baltimore Plows.

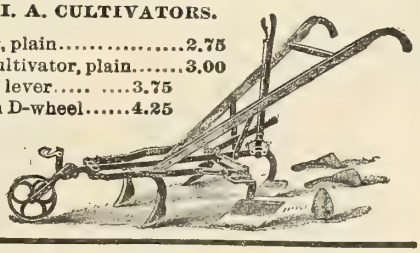
SHOVEL PLOWS.



Steel beam, single shovel.....2.25
Steel beam, double shovel.....2.25
Steel beam, triple shovel.....2.50

I. A. CULTIVATORS.

Baltimore Cultivator, plain.....2.75
I. A. extra heavy Cultivator, plain.....3.00
I. A. Cultivator with lever.....3.75
I. A. Cultivator, with D-wheel.....4.25
I. A. Cultivator, with D-wheel and horse and hoe attachment.....4.50



I. A. COMBINED HARROW AND CULTIVATOR.

A splendid tool for cultivating crops in rows; thoroughly pulverizes and loosens the soil without throwing dirt on the small plants. The teeth are reversible and can be changed in four different positions. Price as shown in illustration 3.00
Price, with lever .$3.00

ACME HAND POTATO PLANTER.

This implement is simple, durable, practical, plants any sized seed in any soil at uniform depth at a rate of two acres a day; it makes the hole, drops the seed and covers it at one operation. Price, each.....75c.

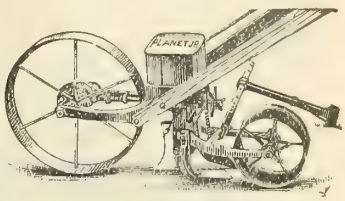
AUTOMATIC HAND CORN PLANTER.

Has a rotary slide moving back and forth, which prevents skips. Will plant any size seed corn and does not injure the grain. The planter is finished with a selected hardwood frame and handsomely painted. Price....$1.50

PLANET, JR., TOOLS.

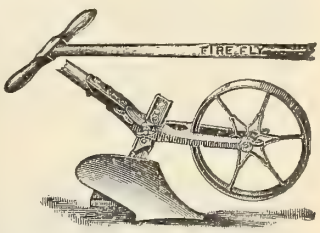
Space will not permit showing and describing here all of the Planet, Jr., tools, but we will send a beautifully illustrated Catalogue free to anyone who desires it. Planet, Jr., goods are the best on the market.

PLANET, JR., HILL AND DRILL SEEDER.



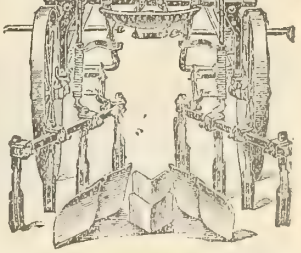
This Seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. It is quickly set to sow different kinds of seed in the exact thickness desired. The accurate hill-dropping drill which gives a regular stand of plants with the least seed saves its cost over and over in seed alone. We guarantee this drill to give satisfaction in every respect.
No. 4. Seeder, holds 2½ quarts, as shown in cut.....8.50
No. 3. Seeder, holds 3 quarts.....10.00
No. 25. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow. Price.....13.00

FIREFLY GARDEN PLOW.



Invaluable for use in small gardens. Mold board of tempered and polished steel. The depth is easily and quickly changed. Very useful to plow up chicken yards. Price..2.25

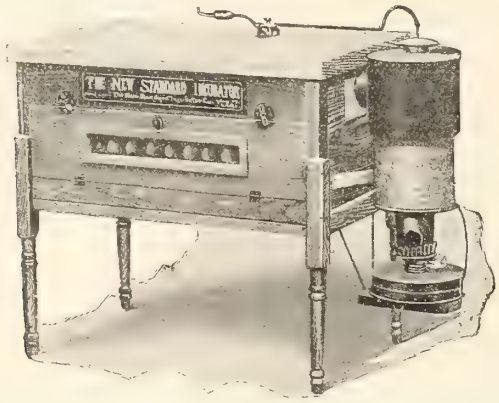
PLANET, JR., PIVOT WHEEL RIDING CULTIVATOR PLOW, FURROWER AND RIDGER.



This machine has jumped quickly into public favor, because of its superiority to other Riding Cultivators. The wheels close to 32 inches and open to 40, and the tools cultivates all rows from 28 inches to 4 feet apart at one passage. It is comfortable to ride upon, light weight, light in draft, simple in construction.
Price.....35.00

Incubators and Poultry Supplies

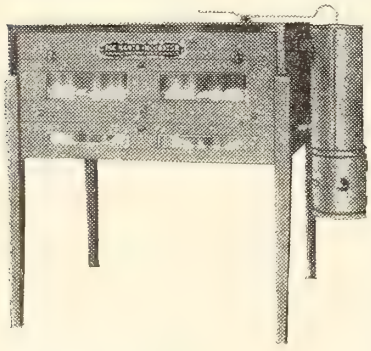
The New Standard Incubator. This machine is built by scientific and practical poultry men, and in a factory where quality counts. They are of the hot-air type, insuring long life and durability. No tanks or pipes to spring aleak while the machine is in operation, and is the only way to insure proper ventilation.



Every machine has double walls, nicely finished and made of the best material. The heater can be taken apart and cleaned. This feature is not found in any other machine. Every machine is sold under full guarantee.

Price, 50-egg capacity.....$8.00
80-egg capacity 9.00
120-egg capacity 12.00
240-egg capacity 16.00

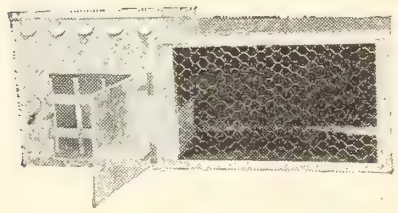
Banta Incubators. The Banta incorporates every advantage and improvement and stands in a class by itself. The walls have three thicknesses of lumber and insulating board with dead air space. The top has thirteen thicknesses of packing and lumber and made of the best hardwood lumber, and finished in natural color, which makes it an ornament to any house. The heater is fireproof and can be taken apart and cleaned. The cloth diaphrams are all removable for cleaning, two principles of heating, the radiation of warm air and the diffusion of warm air.



Every machine has a large nursery under the egg trays, with glass doors, so that the chicks can be taken from the machine without in any way interfering with other eggs that are hatching.

Price 80- egg capacity.....$12.50
100-egg capacity 15.50
150-egg capacity 21.00
280-egg capacity 30.00

Metal Brood Coop and Run.

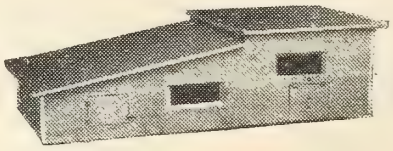


Constructed entirely of metal. When not in use can be folded or taken apart and stored in a small space. It is rat and storm-proof, equipped with a screen, slat and solid door. Size 18 in. wide, 42 in. long, 18 in. high. Price, $3.00.

"Banta" Portable Poultry House.

This Poultry House is 6 feet square on the ground, six feet high in front and four feet high in the rear. It has a window 2x2.6, with a muslin screen, a tight board shutter for cold weather. Both the outside and muslin doors are 2.2 feet wide and full height. It is fitted with roosts all complete. The roof is of best quality composition roofing, and is painted with two coats of good paint. It is shipped knocked down and is put together with key bolts. Price, $25.00.

New Model Brooder. It is very subsantially built, corners bound together with iron corner pieces, painted with two coats of lead paint and has a glass in the lid, so that the chicks can be seen from the top. Has a brooding floor, brooder chamber and hover. It is furnished with feeding trough, drinking fountain, metal safety lamp and brass regulator; sold under guarantee. Size 4 feet long, 27 inches wide, and 20 inches high. Price, $9.00.



New Model Brooder.

Outdoor Brooder House.

It is well lighted and ventilated and is intended to use for chicks after they are several weeks old and do not need the artificial heat, but yet need the warmth and shelter of a Brood House. It is large and roomy and is storm proof, rat proof, etc. The legs are adjustable; fully equipped with drinking fountain and feed trough. No. A, 100 chick, $4.00; No. B, 200 chick, $6.00.

New Standard Indoor Brooder.

No. 80, 2 ft. x 2½ ft. Price, $5.75.

B. & B. Adjustable Hover.

This hover is intended to fill a long-felt want by everyone who raises poultry. It can be used in a colony house, brooder house, large box, shed, etc. The heat is 80 per cent. top heat. The lamp bowl is large, holding oil enough for a long time. It is windproof and heats up in the coldest weather with a small amount of oil. The hover is adjustable for any size chicks. Price complete, without thermometer, $7.50.

Conkeys Poultry Remedies

are well known everywhere and are sold under a guarantee to satisfy or money refunded. A remedy for all ailments.

Pratt's Poultry Remedies.

Have met with a continued success for 40 years, and every poultry raiser is benefited by keeping a supply on hand.

Pratts Poultry Regulator. In packages, 10c., 25c.; 50c.; 12-lb. pails, $1.25.

PRATTS ROUP CURE. 25c. and 50c. Packages.

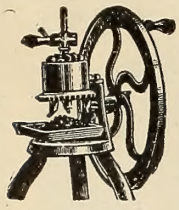
PRATT'S WHITE DIARRHOEA REMEDY. Package 25c. and 50c.

PRATTS LICE KILLER, POWDERED. Package 10c. and 25c.

PRATTS LICE KILLER, LIQUID. Quart can, 35c.

POULTRY SUPPLIES—Continued

MANN'S BONE CUTTERS



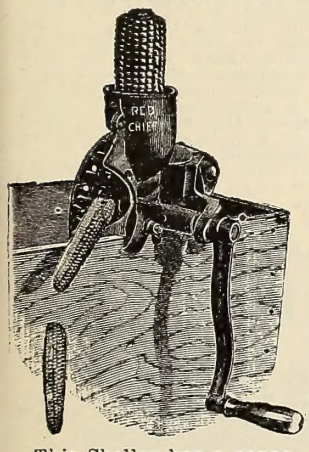
Will cut either green or dry bones fine or coarse

No. 5C, with Crank Handle **$6.00**
No. 5BM, with Balance Wheel **8.00**
No. 5BM, with Balance Wheel, on Iron Stand**10.00**
No. 7, New Model, with Balance Wheel, on Iron Stand **12.00**
No. 7½, for hand or power, with stand, pulleys and balance wheel, capacity 50 to 100 lbs. per hour....**16.00**
No. 15 Power Cutter, cylinder 10½x11¼ in., capacity 150 to 250 lbs. per hour. Price.**60.00**

MANN'S CLOVER CUTTER

Made entirely of iron and steel, very strong and easily adjusted, and cuts any kind of hay or clover, green or dry; every revolution of the balance wheel produces 12 cuts.
No. B, with Balance Wheel, **$10.00**
No. B.M., with Balance Wheel and Iron Stand **$12.00**

RED CHIEF CORN SHELLER.



This Sheller has a capacity of 10 bus. per hour; adjustable to any size ear; the patent cone oval teeth avoid the breaking up of grains, which is very essential in shelling corn for seed; can be operated by any child. Price, each.**$1.50**

RED CHIEF GRINDING MILL.

This Mill will grind any kind of grain, dry bone or shells in less time, with less power, than any other machine of equal size, and can instantly be changed from coarse to fine. Every poultry raiser should have one. Price.....**$2.50**

FAVORITE ROOT CUTTER

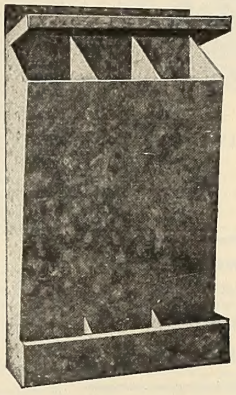
This is a very useful machine for poultrymen; it is well made and easy to operate, and will cut roots and vegetables coarse or fine; furnished with Balance Wheel. Price **$7.00**

WILSON'S BONE AND SHELL MILL.

Grinds oyster shells, dried bones and corn. Greatly favored among poultrymen. With Balance Wheel..**$5.00**

GALVANIZED IRON. GRIT AND SHELL BOXES.

3 compartments, **50c.** each.
2 compartments, large size, **75c.** each.
Sanitary Feed Trays, 16 inch, galvanized iron trough and hardwood finder .....**75c.**



SANITARY GALVANIZED DRINKING FOUNTAINS.

Qts. 1 2 4 8
Price **15c. 20c. 30c. 40c.**
Special prices in quantities.

WIRE HEN NEST.

Each, **15c.**, per dozen, **$1.50.**

PORCELAIN NEST EGGS.

The best and cleanest Nest Egg used.
Each, **5c.**; dozen, **20c.**

CAPONIZING TOOLS.

Instruments put up neatly in a fine leather case, with a book of instructions. Price, **$2.50.**

POULTRY MARKER.

For marking young and old chickens. Made in two sizes. Sent by mail on receipt of.....**25c.**

IMP. CHAMPION LEG BANDS.

Made of one thin strip of aluminum. Adjustable to any size bird. Per dozen, **10c.**; per 100.....**65c.**

CLOVER MEAL FOR POULTRY.

By all odds the best and most economical way of feeding clover. Can be fed in mash with other food. 50 lb. bag, **$1.25**; 100 lb. bag, **$2.60.**

CHICK STARTER. A Primary Food for Baby Chicks Up to 3 Weeks Old.

This is a primary food for Baby Chicks, and contains only the best selected recleaned, sound, sweet cracked grains and seeds, in proper proportions essential for quick and healthy growth. 5 lbs. 20c.; 10 lbs. 35c.; 25 lbs. 65c.; 50 lbs. $1.15; 100 lbs. at $2.25.

POULTRY FOOD.

This is a combination of carefully selected, recleaned, sound, sweet grains and seeds, the food that keeps the fowls vigorous and healthy, and produces eggs. 5 lbs. 18c.; 10 lbs. 30c.; 25 lbs. 60c.; 50 lbs. $1.00; 100 lbs. $2.00.

EUREKA CHICK FOOD.

A complete Chick Food, prepared from a combination of foods, so as to fully nourish and sustain the young chicks from the time of hatching until they are fully developed. Contains the necessary animal food as well as seeds and grain, and will be found most satisfactory to keep the young chicks in a healthy growing condition. 50 lb. bag, **$1.25**; 100 lb. bag, **$2.25.**

FINE BONE MEAL.

Excellent to aid in increasing egg production, and a splendid feed for young chicks. Should be fed wet, mixed with cornmeal or bran. 10 lbs., **30c.**; 100 lbs., **$2.50.**

BEEF SCRAPS.

10 lbs., **40c.**; 100 lbs., **$3.50.**

CRUSHED OR GRANULATED BONE supplies the lime for shell and other ingredients necessary in the composition of eggs. Scatter about the poultry yards. 10 lbs.,**30c.**; 100 lbs., **$2.50.**

CRUSHED OYSTER SHELLS.

Splendid for poultry, to help in the formation of egg shells and keep fowls healthy. Furnished in three sizes, coarse, medium and fine. Use it freely. Feed alone. 15 lbs., **20c.**; 100 lbs., **55c.**

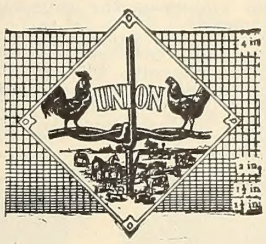
GRANITE GRIT.

This Grit can be supplied in three sizes. Suitable for poultry, pigeons, ducks, geese and small chickens, and is the sharpest and hardest Grit known. 10 lbs., **10c.**; 25 lbs., **25c.**; 100 lbs., **75c.** Special prices by the ton.

CHICK MANNA.

Health food for little chicks—promotes and preserves health. Directions for mixing: To one-half pint Chick Manna add four tablespoonfuls milk or water (milk preferable). Mix well and feed. Price, 1 lb. pkg. 10c.; 5 lb. pkg. 40c.

UNION LOCK POULTRY FENCE.

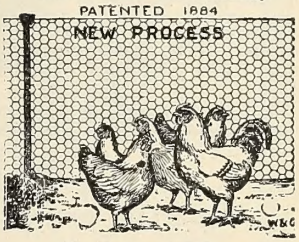


This Fence is very strong and requires no top or bottom rail on account of the picket being at right angles to the cables; it will fit any unevenness of the ground without cutting.

Put up in Rolls of 165 feet.
24-inch Roll **$2.35**
36-inch Roll **3.00**
48-inch Roll..... **3.50**
60-inch Roll **3.85**
72-inch Roll **4.50**

WHEAT—for Chicken Food
Fair, cheap, mixed, bus. **80c.**
Good to choice, bush..**$1.00**
BARLEY—for Feed.
Heavy grain.....**$1.00**
KAFFIR CORN—for Feed.
Per lb. **3c.**; 10 lbs. **20c.**; 100 lbs. **$1.75.**
Sunflower Seed, per lb..**5c.**
Flaxseed, per lb.....**6c.**
Buckwheat, fancy, bus.**$1.25**
Hemp Seed, per lb., **5c.**; 100 lbs., **$3.50.**
Canada Field Peas, bus. **$1.75**
German Millet, bush...**$1.75**
The above prices are subject to market fluctuations, and we shall be pleased to send samples and lowest prevailing prices on application.

POULTRY NETTING.



Hard Steel Wire.

Put up in Roll of 150 feet.
12-inch, 50 square feet, **$ .60**
24-inch, 300 square feet, **1.20**
36-inch, 450 square feet, **1.75**
48-inch, 600 square feet, **2.40**
60-inch, 750 square feet, **3.00**
72-inch, 900 square feet, **3.50**
In less than Roll lots ½c. a square foot.
Poultry Wire Staples, **7c.** per lb.

POULTRY REMEDIES.
PRATT'S AND PRUSSIAN are sold at special prices. Special catalogue for the asking of them.

DAIRY SUPPLIES

AMERIC. CREAM SEPARATOR.

The advantages of the Centrifugal Cream Separator is now acknowledged everywhere, and the American possesses the following points of merit:

Simplicity, durability, clean skimming, ease of operation and price.

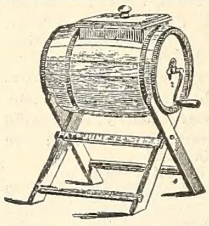
No. 1. Capacity 200 lbs. of milk per hour.....$40
No. 2. Capacity 350 lbs. of milk per hour..... 50
No. 3. Capacity 600 lbs. of milk per hour..... 60

Fully guaranteed.

IMPROVED ARRAS CREAM SEPARATOR.

Every Small Dairy should certainly have the Arras. It means ¼ more cream of better quality and saves ¼ the time. No machinery to run or look after. Separation is effected by circulation of cold water in outer can. All the cream rises to the surface in an hour or two and is drawn off sweet. Suitable for table use or other purposes.

No. 1. Capacity 1 to 2 cows....$5.00
" 2. " 3 to 4 cows.... 6.00
" 3. " 4 to 5 cows.... 7.00
" 4. " 5 to 6 cows.... 8.00



SPAIN'S PATENT CHURN.

This is the best known churn everywhere, constructed of the best white cedar, and the dasher can be easily removed

No	1	2	3	4	5	6
Capacity qts.	0	15	20	24	32	44
With stand.	$5.75	6.50	7.00	7.75	8 75	10.00

Without Stand 10% less.

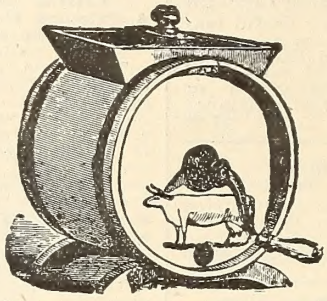
DAVIS SWING CHURN.

Has no floats nor paddles inside. There is no danger of the cover coming off and spilling the cream. It requires less effort to work than any other. It is easily cleaned.

Full Churning Capacity.

No..	1	2	3	4	5	6
Gails.	4	5	8	10	13	17
	$7.00	$8.00	10.00	12.00	15.00	18.00

CYLINDER CHURN.

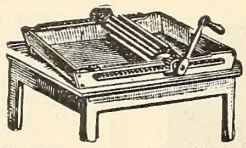


Made of selected white cedar and well put up.

Full Churning Capacity.

No.....	1	2	3	4
Gallons.....	1½	2	3½	6
Price.....	$1.75	2.00	2.50	3.00

BUTTER WORKER.



	Inside Measurement.	Capacity. Lbs.	Price.
No. 1	23x36x2½ in	50	$7.50
" 2	20x36x2½ "	30	6.00
" 3	17x27x2½ "	20	5.25
" 4	14x24x2½ "	10	4.50

LA FAYETTE BUTTER PRINTER.

This is also self-gauging. Intended for use in creameries, but more especially for reprinting. Very simple and handy.

Either pound or half pound...$10.00
With Table..... 15.00

HAND BUTTER PRINTS.

½ lb. Seeley Pattern, as shown in cut.....50c
Philadelphia Pattern, extra Hy..75c
Baltimore Pattern.....75c
Round Plain Print.....10c
Round Print and Mould.....25c

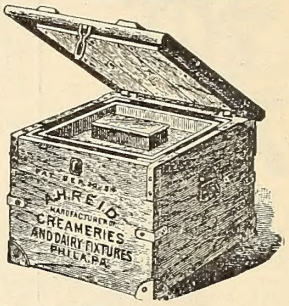
KEYSTONE CALF FEEDER.

Each $1.50

DAIRY PADDLES.

Each .....5c and 10c

BUTTER SHIPPERS.



36	half-pound prints		$4.25
64	"	"	5.00
80	"	"	5.50
100	"	"	6.50
120	"	"	6.50
20	pound	"	3.60
30	"	"	4.00
40	"	"	4.50
56	"	"	5.00
80	"	"	5.50

WELLS & RICHARDSON BUTTER COLOR.

Will not color milk; gives the natural June butter color.

A bottle sufficient to color 500 lbs. .....$ .25
A bottle sufficient to color 1250 lbs. ..... .50
1 Can sufficient to color 2800 lbs. 1.00

PARCHMENT PAPER.

Is far superior to any other substitute as a butter wrapper. Put up in boxes of 500 sheets.

Size 6x 6, each.....15c
" 6x 9, 1000 sheets.....40c
" 9x12, 1000 sheets.....40c
Or by the pound at.....15c

COMMON SENSE CALF FEEDER.

The underlying principle of the Calf Feeder is: The calf by sucking its milk takes it slowly and mixes the saliva of the mouth with the milk, which makes it spongy instead of a solid, indigestible lump formed when the milk is gulped down from a bucket. This is the greatest cause of scours.

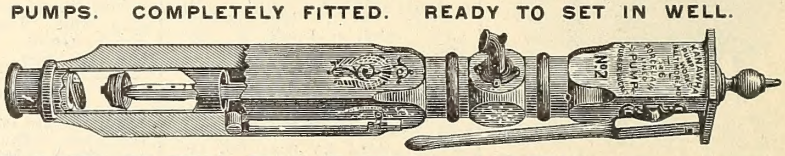
We have both a single and double feeder. One calf can use the double feeder, as each part works independently of the other.

Each $1.50

THE KANAWHA PUMPS

PRICE LIST OF PORCELAIN-LINED PUMPS. COMPLETELY FITTED. READY TO SET IN WELL.

Closed Bracket and Heavy Handles will be furnished on the House Well, Stock Well and Deep Well. Extension Pumps for $1.50 additional.



TAKE MEASUREMENT OF DEPTH OF WELL FROM PLATFORM TO BOTTOM.

	8 ft.	10	11	12	13	14	15	16	17	18	19	20
No. 2, 6x6 3⅜-inch Bucket	$5.75	5.85	6.05	6.15	6.25	6.40	6.60	6.85	6.96	7.15	7.35	7.48
No. 5, 7x7 4 inch Bucket	$7.00	7.20	7.35	7.54	7.70	7.85	8.00	8.20	8.35	8.65	8.95	9.25
	21 ft.	22	23	24	25	26	27	28	29	30	31	32
No. 2, 6x6 3⅜-inch Bucket	$7.60	7.80	8.10	8.30	8.60	8.75	8.85	9.00	9.30	9 65	11.00	12.25
No. 5, 7x7 4 inch Bucket	$9.40	9.65	10.00	10.30	10.50	10.75	11.00	11.25	11.60	12.00	12.50	12.80

No. 8	8 ft.	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
8x8 4-in. Bucket.	$9.00	9.25	9.50	9.75	10.00	10.25	10.50	10.75	11.00	11.25	11.50	11.75	12.00	12.25	12.50	12.75	13.00	13.50

No 4	34 ft.	36	38	40	42	46	48	50	52	54	56	60	62	64	66	68	70	
7x7 3-in. Bucket.	12.00	13.75	14.25	14.75	15.75	16.75	17.50	18.50	19.50	20.25	21.00	21.75	22.50	23.00	23.50	24.25	25.00	

IRON PUMPS

Red Jacket & Myer's Force and Power Pumps. So Easy To Fix. Completely Fitted.

	10ft.	12	14	16	18	20	22	24	26
No. 1, 6-inch stroke, 3-inch cylinder	$14.00	14.48	14.91	15.34	15.77	16.20	16.64	17.07	17.50

½ adjustable stroke, 3-inch cylinder, deep well.	28 ft.	30	32	34	36	38	40	42	44	46	48	50
No. 8, adjustable stroke 2½-inch cylinder	$23.40	24.30	25.20	26.10	27.00	27.90	28.80	29.70	30.60	31.50	32.40	33.30
No. 10, 3-inch cylinder	$26.10	27.18	28.26	29.34	30 42	31.50	32.58	33.66	34.74	35.82	36.90	37.98

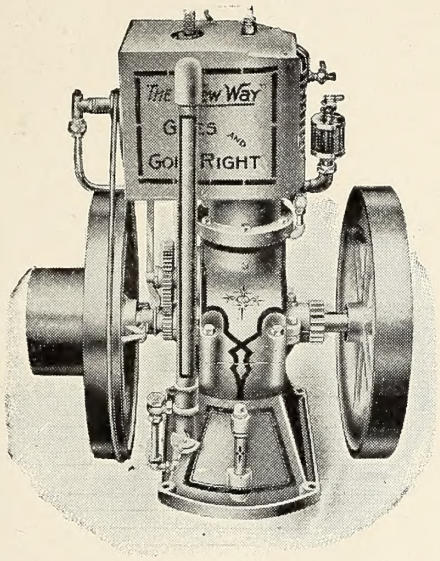
For three-way connections add $2.50 to above prices.

Gasoline Engines and Machinery

DRIVEN BY POWER

For want of space we cannot illustrate but a few of our specialties in this line. Any one interested will find it to their advantage to communicate with us.

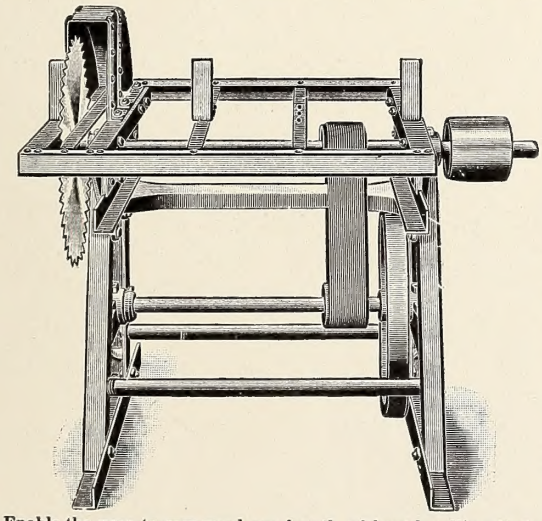
New Way Air Cooled Gasoline Engine



Style of Sizes, 2½. 3¼, 4½ and 6 H. P.
8 and 12 H. P. opposed cylinder

This Engine is far ahead of any other make now on the market. We offer a few points for your comparison. No water to freeze and break the cylinder pipes, circulating pumps, or rust the water jacket and pipes. No packing in the cylinder to blow out. No needle valve to give continual trouble. No Batteries required at any time. The Patented Air Cooling System is perfect, and every engine is guaranteed not to overheat and deliver its full rated horsepower under any condition. Every bearing and working part is interchangeable and can be replaced at small cost. Any inexperienced person can operate the New Way successfully. Special attention and low prices will be given every prospective buyer. New Ideal 1½ H. P. Pumping Engine $45.00

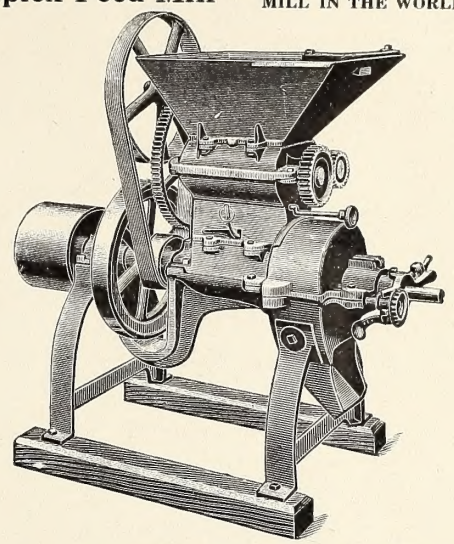
Eureka Sliding Table All Steel Saws



Enable the user to saw wood any length without handling it the second time. The frame can be adjusted to answer as a rip saw which is often very convenient on the farm.

Duplex Feed Mill

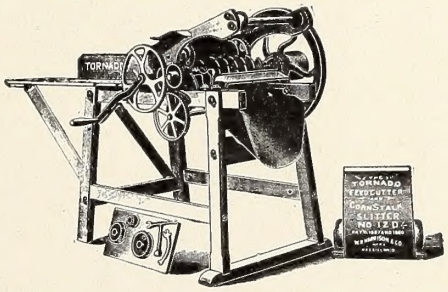
WHY THIS IS THE BEST IRON MILL IN THE WORLD



1st. Because it is provided with a double set of grinders or burrs. 2nd—Because it has a grinding surface just double that of any other mill. 3rd.—Because it is very economical in the use of power, running much easier than any other mill. 4th.—Because it will grind any kind of grain, or corn and cob, equally well, and will produce meal of any desired quality, coarse, medium or fine.

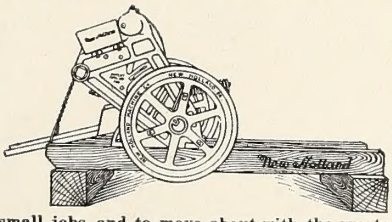
ASK FOR ILLUSTRATED CATALOGUE

Tornado Feed Cutters



are built in all sizes for hand and power use and equipped with carriers and blowers of desired length. The cutting arrangement of the Tornado is made up of a series of knives following each other spirally, which when in motion gives a spiral movement. The cutting cylinder is most especially adapted to cutting dry fodder and green ensilage, as the peculiar motion cuts, splits and reduces the corn stalks to a soft pulpy condition, leaving no sharp edges to hurt the mouth of the animal, and cause sore gums.

Improved New Holland Stone Crusher



will meet every requirement for a first-class, portable and practical Stone Crusher, and will save and make thousands of dollars to the farmer, contractor, road builder, quarry man. While it is designed for light power and small jobs, and to move about with the greatest ease, it is strong and durable enough to be run at a high speed. Weight 2500 lb. Capacity 3 to 4 tons per hour, the opening of the jaws is 6x9 inches Price: Crusher with shaker on sills, $175.00. Heavy Truck, $25.00.

OUR EVERGREEN LAWN GRASS MIXTURE PRODUCES A FINE VELVETY LAWN WITHIN FIVE TO SIX WEEKS. PER LB. **20c.** 10 LBS. **$1.75**

SHADY NOOK LAWN GRASS, BEST ADAPTED TO GROW UNDER TREES AND SHADY PLACES. LB. **25c.** 10 LBS. **$2.25**

MANNS'
FANCY COLLECTION
PANSIES

25 CTS. A PACKET.

J. Manns & Co.

GROWERS AND IMPORTERS OF
GARDEN, FIELD AND FLOWER SEEDS

FORREST AND HILLEN STS., OPP. BELAIR MARKET, BALTIMORE, MD.